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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:10:31 ; Search time 90.075 Seconds

(without alignments)

870.667 Million cell updates/sec

Title: US-09-887-855-2_COPY_25_227.

Perfect score: 1100 1 RLLSGQPVCRGGTQRPCYKV.....EEDAKKTFKESREANLNAY 203

Sequence:

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1726218 seqs, 386331768 residues

Total number of hits satisfying chosen parameters: 1726218

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubcaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubcaa/PCT NEW PUB.pep:*

3: /cgn2_6/ptodata/1/pubcaa/US06_NEW PUB.pep:*

4: /cgn2_6/ptodata/1/pubcaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubcaa/US07_NEW PUB.pep:*

6: /cgn2_6/ptodata/1/pubcaa/PCTUS_PUBCOMB.pep:*

7: /cgn2_6/ptodata/1/pubcaa/US08_NEW PUB.pep:*

8: /cgn2_6/ptodata/1/pubcaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubcaa/US09_PUBCOMB.pep:*

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11: /cgn2_6/ptodata/1/pubcaa/US09C_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubcaa/US09_NEW PUB.pep:*

13: /cgn2_6/ptodata/1/pubcaa/US10A_PUBCOMB.pep:*

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19: /cgn2_6/ptodata/1/pubcaa/US11A_PUBCOMB.pep:*

20: /cgn2_6/ptodata/1/pubcaa/US11_NEW PUB.pep:*

21: /cgn2_6/ptodata/1/pubcaa/US60_NEW PUB.pep:*

22: /cgn2_6/ptodata/1/pubcaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1100	100.0	206	9	US-09-887-855-5
2	1100	100.0	374	9	US-09-887-855-2
3	1100	100.0	374	14	US-10-149-819-15
4	1100	100.0	374	15	US-10-094-749-2090
5	1100	100.0	374	15	US-10-264-237-2579
6	1100	100.0	374	16	US-10-648-593-148
7	1100	100.0	387	15	US-10-296-115-1311
8	1096	99.6	374	15	US-10-094-749-2142
9	1090	99.1	374	15	US-10-351-334-166
10	1086	98.7	382	9	US-09-909-320-137
11	1086	98.7	382	9	US-09-909-088B-137

Query Match 100.0%; Score 1100; DB 9; Length 206;
 Best Local Similarity 100.0%; Pred. No. 2.3e-99;
 Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 RLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRDRGGQLVSYIESEDEQKLIK 60
 2 RLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRDRGGQLVSYIESEDEQKLIK 63
 4 RLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRDRGGQLVSYIESEDEQKLIK 63
 61 F1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEVCVY 120
 64 F1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEVCVY 123
 121 MYHQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPAVPSREAGEETELTPVLP 180
 124 MYHQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPAVPSREAGEETELTPVLP 183

RESULT 1
 US-09-887-855-5
 ; Sequence 5, Application US/09887855
 ; Patent No. US20020058310A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Immunex Corporation
 ; APPLICANT: Anderson, Dirk M
 ; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
 ; FILE REFERENCE: 2883-US
 ; CURRENT APPLICATION NUMBER: US/09-887,855
 ; CURRENT FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 5
 ; LENGTH: 206
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-887-855-5

ALIGNMENTS

Wed Jul 13 13:57:25 2005

us-09-887-855-2_copy_25_227.rapb

RESULT 2
 US-09-887-855-2
 ; Sequence 2, Application US/09887855
 ; Patent No. US20020058310A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Immunex Corporation
 ; APPLICANT: Anderson, Dirk M
 ; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
 ; FILE REFERENCE: 2883-US
 ; CURRENT APPLICATION NUMBER: US/09/887,855
 ; CURRENT FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 374
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-887-855-2
 Query Match 100.0%; Score 1100; DB 9; Length 374;
 Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
 Matches 203; Conservative 0; Mismatches 0; Missmatches 0;
 Matches 203; Conservative 0; Mismatches 0;
 Qy 1 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKLIK 60
 Db 25 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKLIK 84
 Qy 61 FIENLLPSDGFDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWLDEPSCGSEVCVV 120
 Db 85 FIENLLPSDGFDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWLDEPSCGSEVCVV 144
 Qy 121 MYHOPSPAGIGGGPMFQWNDDRCNMKNNFICKYSDEKPAVSRDGEETELTPVLPE 180
 Db 145 MYHOPSPAGIGGGPMFQWNDDRCNMKNNFICKYSDEKPAVSRDGEETELTPVLPE 204
 Qy 181 ETQEEADAKTFKESREAAALNAY 203
 Db 205 ETQEEADAKTFKESREAAALNAY 227

RESULT 4
 US-10-094-749-2090
 ; Sequence 2090, Application US/10094749
 ; Publication No. US20030219741A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ISOGAI, TAKAO
 ; APPLICANT: SUGIYAMA, TOMOYASU
 ; APPLICANT: OTSUKI, TETSUJI
 ; APPLICANT: WAKAMATSU, AI
 ; APPLICANT: SATO, HIROYUKI
 ; APPLICANT: ISHII, SHIZUKO
 ; APPLICANT: YAMAMOTO, JUN-ICHI
 ; APPLICANT: ISONO, YUKO
 ; APPLICANT: HIO, YURI
 ; APPLICANT: OTSUKA, KAORU
 ; APPLICANT: NAGAI, KEIICHI
 ; APPLICANT: IRIE, RYOTARO
 ; APPLICANT: TAMECHIKA, ICHIRO
 ; APPLICANT: SEKI, NAOHIKO
 ; APPLICANT: YOSHIKAWA, TSUTOMU
 ; APPLICANT: OTSUKA, MOTOYUKI
 ; APPLICANT: NAGAHARI, KENJI
 ; APPLICANT: MASUHO, YASUHIKO
 ; APPLICANT: NOVEL FULL-LENGTH CDNA
 ; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
 ; FILE REFERENCE: 084335/0160
 ; CURRENT APPLICATION NUMBER: US/10/094,749
 ; CURRENT FILING DATE: 2002-03-12
 ; PRIORITY APPLICATION NUMBER: 60/350,435
 ; PRIORITY FILING DATE: 2002-01-24
 ; PRIORITY APPLICATION NUMBER: JP 2001-328381
 ; PRIORITY FILING DATE: 2001-09-14
 ; NUMBER OF SEQ ID NOS: 3381
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2090
 ; LENGTH: 374
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-094-749-2090
 Query Match 100.0%; Score 1100; DB 15; Length 374;
 Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
 Matches 203; Conservative 0; Mismatches 0;
 Qy 1 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKLIK 60
 Db 25 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKLIK 84

RESULT 5

US-10-264-237-2579

Sequence 2579, Application US/10264237

Publication No. US2004009491A1

GENERAL INFORMATION:

APPLICANT: Birse et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PA131P1

CURRENT APPLICATION NUMBER: US/10/264,237

CURRENT FILING DATE: 2002-10-04

PRIOR APPLICATION NUMBER: PCT/US01/16450

PRIOR FILING DATE: 2001-05-18

PRIOR APPLICATION NUMBER: US 6/205,515

PRIOR FILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 2876

SOFTWARE: PatentIn Ver. 3.1

SEQ ID NO 2579

LENGTH: 374

TYPE: PRT

ORGANISM: Homo sapiens

US-10-264-237-2579

Query Match 100.0%; Score 1100; DB 15; Length 374;

Best Local Similarity 100.0%; Pred. No. 4.9e-99;

Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSISEDEQKLIKE 60

Db 25 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSISEDEQKLIKE 84

Qy 61 FIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEVCVV 120

Db 85 FIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEVCVV 144

Qy 121 MYHQPSAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVSPREAGEETELTPVLP 180

Db 145 MYHQPSAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVSPREAGEETELTPVLP 204

Qy 181 ETQEEDAKTKTFKESREALNLAY 203

Db 205 ETQEEDAKTKTFKESREALNLAY 227

RESULT 7

US-10-296-115-1311

Sequence 1311, Application US/10296115

Publication No. US20040053248A1

GENERAL INFORMATION:

APPLICANT: Hyseq Inc

TITLE OF INVENTION: No. US20040053248A1

FILE REFERENCE: 784PCT

CURRENT APPLICATION NUMBER: US/10/296,115

CURRENT FILING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US09/488,725

PRIOR FILING DATE: 2000-01-21

PRIOR APPLICATION NUMBER: US09/552,317

PRIOR FILING DATE: 2000-04-25

NUMBER OF SEQ ID NOS: 1478

SEQ ID NO 1311

LENGTH: 387

TYPE: PRT

ORGANISM: Homo sapiens

US-10-296-115-1311

Query Match 100.0%; Score 1100; DB 15; Length 387;

Best Local Similarity 100.0%; Pred. No. 5.1e-99;

Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSISEDEQKLIKE 60

Db 38 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSISEDEQKLIKE 97

Qy 61 FIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEVCVV 120

Db 98 FIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEVCVV 157

Qy 121 MYHQPSAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVSPREAGEETELTPVLP 180

Db 158 MYHQPSAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVSPREAGEETELTPVLP 217

Qy 181 ETQEEDAKTKTFKESREALNLAY 203

Db 218 ETQEEDAKTKTFKESREALNLAY 240

RESULT 8

US-10-094-749-2142

Sequence 2142, Application US/10094749

Publication No. US20030219741A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS

FILE REFERENCE: D0273 NP

CURRENT APPLICATION NUMBER: US/10/648,593

CURRENT FILING DATE: 2003-08-26

PRIOR APPLICATION NUMBER: 60/406,385

PRIOR FILING DATE: 2002-08-27

NUMBER OF SEQ ID NOS: 557

SOFTWARE: PatentIn Version 3.2

APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 TITLE OF INVENTION: Acids Encoding the Same
 CURRENT APPLICATION NUMBER: US/09/909,320
 CURRENT FILING DATE: 2002-01-04
 PRIOR APPLICATION NUMBER: PCT/US00/04414 .
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-909-320-137

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.2e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGGQLVSI
 Db 25 RLLSASDLRGGQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGGQLVSI
 Qy 53 DEQKLIEKFIENLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Db 85 DEQKLIEKFIENLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Qy 113 CGSEEVCVVNYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAV
 Db 145 CGSEEVCVVNYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAV
 Qy 173 LTPPVLPPEETQEDAKKTPKESREAA
 Db 205 LTPPVLPPEETQEDAKKTPKESREAA
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-909-088B-137
 Sequence 137, Application US/09909088B

Patent No. US20020146709A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Eileen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/909,088B
 CURRENT FILING DATE: 2001-07-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-909-320-137

NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-909-088B-137

RESULT 11
 US-09-909-088B-137
 Sequence 137, Application US/09909088B

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.2e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGQLVSISE 52
 Db 25 RLLSASDLDLRRGGQPYCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGQLVSISE 84

Qy 53 DEQKLIKEKFIENLIPSDGDFWIGLRRREEKQSNSTAQDLYAWTDGSISQFRNWYVDEPS 112
 Db 85 DEQKLIKEKFIENLIPSDGDFWIGLRRREEKQSNSTAQDLYAWTDGSISQFRNWYVDEPS 144

Qy 113 CGSEVCVVMYHQPSAPAGGPPMFQWNDDRCNMKNNFICKYSDKEPKAVPSREAEGETE 172
 Db 145 CGSEVCVVMYHQPSAPAGGPPMFQWNDDRCNMKNNFICKYSDKEPKAVPSREAEGETE 204

Qy 173 LTTPVLPETQEEAKKTFKESREAAALNLY 203
 Db 205 LTTPVLPETQEEAKKTFKESREAAALNLY 235

RESULT 12
 US-09-905-291A-137 Application US/09905291A
 ; Sequence 137, Application US/09905291A
 ; Patent No. US20020160374A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905, 291A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143, 048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145, 698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146, 222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.2e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGQLVSISE 52
 Db 25 RLLSASDLDLRRGGQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGQLVSISE 84

Qy 53 DEQKLIKEKFIENLIPSDGDFWIGLRRREEKQSNSTAQDLYAWTDGSISQFRNWYVDEPS 112
 Db 85 DEQKLIKEKFIENLIPSDGDFWIGLRRREEKQSNSTAQDLYAWTDGSISQFRNWYVDEPS 144

Qy 113 CGSEVCVVMYHQPSAPAGGPPMFQWNDDRCNMKNNFICKYSDKEPKAVPSREAEGETE 172
 Db 145 CGSEVCVVMYHQPSAPAGGPPMFQWNDDRCNMKNNFICKYSDKEPKAVPSREAEGETE 204

Qy 173 LTTPVLPETQEEAKKTFKESREAAALNLY 203
 Db 205 LTTPVLPETQEEAKKTFKESREAAALNLY 235

RESULT 13
 US-09-905-291A-137 Application US/09905291A
 ; Sequence 137, Application US/09905291A
 ; Patent No. US20020160374A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905, 291A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143, 048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145, 698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146, 222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089

APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/902, 853
 CURRENT FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: US/09/665, 350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: US 60/143, 048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145, 698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146, 222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-902-853-137

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	RLLS-----GQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRRDGGQLVSIESE
Db	25	RLSASDLRGQQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRRDGGQLVSIESE
Qy	53	DEQKLIKEKPIENLPSDGFWDWIGLRRREKQSNSTACQDLYAWTDGSISQFRNWYVDEPS
Db	85	DEQKLIKEKPIENLPSDGFWDWIGLRRREKQSNSTACQDLYAWTDGSISQFRNWYVDEPS
Qy	113	CGSEVCVVMYHOPSPAPAGIGGPMFQWNDDRCNMQNFFICKYSDEKPAVSPREAGBETE
Db	145	CGSEVCVVMYHOPSPAPAGIGGPMFQWNDDRCNMQNFFICKYSDEKPAVSPREAGBETE
Qy	173	LTTPVLPETQEEAKTTFKESREAAALLAY 203
Db	205	LTTPVLPETQEEAKTTFKESREAAALLAY 235

RESULT 14
 US-09-907-824-137
 Sequence 137, Application US/09907824
 Publication No. US20020197671A1

LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-907-824-137

GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/907, 824
 CURRENT FILING DATE: 2001-07-17
 PRIOR APPLICATION NUMBER: 09/665, 350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143, 048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-902-853-137

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	RLLS-----GQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRRDGGQLVSIESE
Db	25	RLSASDLRGQQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRRDGGQLVSIESE
Qy	53	DEQKLIKEKPIENLPSDGFWDWIGLRRREKQSNSTACQDLYAWTDGSISQFRNWYVDEPS
Db	85	DEQKLIKEKPIENLPSDGFWDWIGLRRREKQSNSTACQDLYAWTDGSISQFRNWYVDEPS
Qy	113	CGSEVCVVMYHOPSPAPAGIGGPMFQWNDDRCNMQNFFICKYSDEKPAVSPREAGBETE
Db	145	CGSEVCVVMYHOPSPAPAGIGGPMFQWNDDRCNMQNFFICKYSDEKPAVSPREAGBETE
Qy	173	LTTPVLPETQEEAKTTFKESREAAALLAY 203
Db	205	LTTPVLPETQEEAKTTFKESREAAALLAY 235

NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-907-824-137

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.2e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGGQLVSIESTE 52
 Db 25 RLLSASDLRGGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGGQLVSIESTE 84
 Qy 53 DEQKLIKEKFIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWWYVDEPS 112
 Db 85 DEQKLIKEKFIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWWYVDEPS 144
 Qy 113 CGSEVCVVMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETE 172
 Db 145 CGSEVCVVMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETE 204
 Qy 173 LTTTPVLPETQEEDAKKTFKESREAAALNLLAY 203
 Db 205 LTTTPVLPETQEEDAKKTFKESREAAALNLLAY 235

RESULT 15
 US-09-907-841-137
 ; Sequence 137, Application US/09907841
 ; Publication No. US20020198366A1

; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Klijavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: 10466-14
 ; CURRENT FILING DATE: 2001-11-20
 ; PRIOR APPLICATION NUMBER: US/09/907,841.
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15

Query Match 98.7%; Score 1086; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 1.2e-97;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGGQLVSIESTE 52
 Db 25 RLLSASDLRGGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGGQLVSIESTE 84
 Qy 53 DEQKLIKEKFIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWWYVDEPS 112
 Db 53 DEQKLIKEKFIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWWYVDEPS 144
 Db 85 DEQKLIKEKFIENLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWWYVDEPS 144
 Qy 113 CGSEVCVVMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETE 172
 Db 145 CGSEVCVVMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETE 204
 Qy 173 LTTTPVLPETQEEDAKKTFKESREAAALNLLAY 203
 Db 205 LTTTPVLPETQEEDAKKTFKESREAAALNLLAY 235

Search completed: July 11, 2005, 18:36:13
 Job time : 90.075 secs

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OM protein - protein search, using bw model

Run on: July 11, 2005, 18:00:21 ; Search time 25.8303 Seconds

(without alignments)
 586.665 Million cell updates/sec

Title: US-09-887-855-2_COPY_25_227

Perfect score: 1100 Sequence: 1 RLLSGQPVCRGQTQRPCIKV.....EDAKKTFKESREAAANNLAY 203

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	1090	99.1	374	4	US-09-489-847-166	Sequence 166, App
2	1086	98.7	382	4	US-09-907-794A-137	Sequence 137, App
3	1086	98.7	382	4	US-09-905-125A-137	Sequence 137, App
4	1086	98.7	382	4	US-09-902-775A-137	Sequence 137, App
5	1086	98.7	382	4	US-09-906-700-137	Sequence 137, App
6	1086	98.7	382	4	US-09-903-603A-137	Sequence 137, App
7	1086	98.7	382	4	US-09-904-920A-137	Sequence 137, App
8	1086	98.7	382	4	US-09-909-920A-137	Sequence 137, App
9	1086	98.7	382	4	US-09-905-381A-137	Sequence 137, App
10	1086	98.7	382	4	US-09-906-618-137	Sequence 137, App
11	939.5	85.4	260	4	US-09-638-203-3	Sequence 3, Appl
12	561.5	51.0	273	4	US-09-638-203-2	Sequence 2, Appl
13	225	20.5	81	4	US-09-489-847-325	Sequence 325, App
14	225	20.5	82	4	US-09-489-847-234	Sequence 234, App
15	225	20.5	115	4	US-09-489-847-324	Sequence 324, App
16	182	16.5	1456	4	US-09-976-594-168	Sequence 168, App
17	178.5	16.2	1455	3	US-08-840-062-5	Sequence 5, Appl
18	176.5	16.0	1479	3	US-08-840-062-4	Sequence 4, Appl
19	174	15.8	1257	1	US-08-340-428B-49	Sequence 49, Appl
20	174	15.8	2409	6	5180808-2	Patent No. 5180808
21	174	15.8	2409	6	5180808-2	Patent No. 5180808
22	170.5	15.5	1479	3	US-08-840-062-2	Sequence 2, Appl
23	152	13.8	912	5	PCT-US95-03747-2	Sequence 2, Appl
24	151	13.7	197	4	US-09-602-877A-99	Sequence 99, Appl
25	149.5	13.6	455	4	US-09-866-028-50	Sequence 50, Appl
26	149.5	13.6	455	4	US-09-944-457-50	Sequence 50, Appl
27	149	13.5	174	1	US-07-641-971B-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1	US-09-489-847-166	; Sequence 166, Application US/09489847
	; Patent No. 6476195	
	; GENERAL INFORMATION:	
	; APPLICANT: Rosen et al	
	; TITLE OF INVENTION: 98 Human Secreted Proteins	
	; FILE REFERENCE: PZ031P1	
	; CURRENT APPLICATION NUMBER: US/09/489,847	
	; CURRENT FILING DATE: 2000-01-24	
	; EARLIER APPLICATION NUMBER: PCT/US99/17130	
	; EARLIER FILING DATE: 1999-07-29	
	; EARLIER APPLICATION NUMBER: 60/094,657	
	; EARLIER FILING DATE: 1998-07-30	
	; EARLIER APPLICATION NUMBER: 60/095,486	
	; EARLIER FILING DATE: 1998-08-05	
	; EARLIER APPLICATION NUMBER: 60/096,319	
	; EARLIER FILING DATE: 1998-08-12	
	; EARLIER APPLICATION NUMBER: 60/095,454	
	; EARLIER FILING DATE: 1998-08-06	
	; EARLIER APPLICATION NUMBER: 60/095,455	
	; EARLIER FILING DATE: 1998-08-06	
	; NUMBER OF SEQ ID NOS: 376	
	; SOFTWARE: PatentIn Ver. 2.0	
	; SEQ ID NO 166	
	; LENGTH: 374	
	; TYPE: PRT	
	; ORGANISM: Homo sapiens	
	; FEATURE:	
	; NAME/KEY: SITE	
	; LOCATION: (84)	
	; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids	
	; FEATURE:	
	; NAME/KEY: SITE	
	; LOCATION: (112)	
	; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids	
	US-09-489-847-166	

Qy	1	RLLSGQPVCRGQTQPCYKVIYFHDTSRRLNFEAKEACRRDGQQLVSIESTEQQLIKB 60
Db	25	RLLSGQPVCRGQTQPCYKVIYFHDTSRRLNFEAKEACRRDGQQLVSIESTEQQLIKB 84
Qy	61	FLENLLPSDGDFWIGLRRREEKQNSNSTACQDLYAWTDDGSIQFRNWWYVDEPSGSEVCV 120
Db	85	FLENLLPSDGDFWIGLRRREEKQNSNSTXCDLYAWTDDGSIQFRNWWYVDEPSGSEVCV 144

RESULT 2
 US-09-907-794A-137
 ; Sequence 137, Application US/09907794A
 ; Patent No. 6635468

GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/907,794A
 ; CURRENT FILING DATE: 2001-07-17
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911

;

PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-907-794A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3, 6e-105; Indels 8; Gaps 1;
 Matches 203; Conservative 0; Mismatches 0;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGGQLVSI
 Db 25 RLLSASDLRLGGQPYCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGGQLVSI
 Qy 53 DEQKLIEKFIEENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVDEPS
 Db 85 DEQKLIEKFIEENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVDEPS
 Qy 113 CGSEVCVVMYHOPSAPIAGIGGPMQWNDRCNMKNNFICKYSDEKPAVPSREAE
 Db 145 CGSEVCVVMYHOPSAPIAGIGGPMQWNDRCNMKNNFICKYSDEKPAVPSREAE
 Qy 173 LTTPVLPETTQEEDAKTKTFKESREAA
 Db 205 LTTPVLPETTQEEDAKTKTFKESREAA
 ;

RESULT 3
 US-09-905-125A-137
 ; Sequence 137, Application US/09905125A
 ; Patent No. 664376

GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/907,794A
 ; CURRENT FILING DATE: 2001-07-17
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
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 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ;

PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-905-125A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	RLLS-----GQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKACRRDGGQLVSI DB	25	RLSASDLRLRGQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKACRRDGGQLVSI E 52
Qy	53	DEQKLIKEKFIENLPSDGGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN DB	85	DEQKLIKEKFIENLPSDGGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN WVDEPS 112
Qy	113	CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAV DB	145	CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAV SREAEGEETE 172
Qy	173	LTPVLPBETQEDAKKTFKESREALN DB	205	LTPVLPBETQEDAKKTFKESREALN LAY 203
Qy	205	LTPVLPBETQEDAKKTFKESREALN LAY 235		

RESULT 4
 US-09-902-775A-137
 Sequence 137, Application US/09902775A
 Patent No. 6686451
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	RLLS-----GQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKACRRDGGQLV DB	25	RLSASDLRLRGQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKACRRDGGQLV SIE 52
Qy	53	DEQKLIKEKFIENLPSDGGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFR DB	85	DEQKLIKEKFIENLPSDGGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFR WVDEPS 112
Qy	113	CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAV DB	145	CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAV SREAEGEETE 172
Qy	173	LTPVLPBETQEDAKKTFKESREALN DB	205	LTPVLPBETQEDAKKTFKESREALN LAY 203
Qy	205	LTPVLPBETQEDAKKTFKESREALN LAY 235		

RESULT 5
 US-09-906-700-137
 ; Sequence 137, Application US/09906700
 ; Patent No. 6723535
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/906,700
 ; CURRENT FILING DATE: 2000-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO: 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-906-700-137
 ;
 Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
 ;
 Qy 1 RLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRGGGOLVSIESE 52
 Db 25 RLSSADLDLRRGGQPVRCGGTQRPCYKVIYFHDTSRRLNFEAKEACRRGGGOLVSIESE 84
 ;
 Qy 53 DEQKLIEKFENLLPSQDFWIGLRRREEQKQNSNSTACQDLYAWTDGSISQFRNWYVDEPS 112
 Db 85 DEQKLIEKFENLLPSQDFWIGLRRREEQKQNSNSTACQDLYAWTDGSISQFRNWYVDEPS 144
 ;
 Qy 113 CGSEVCVVMYHOPSAAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETE 172
 Db 145 CGSEVCVVMYHOPSAAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETE 204
 ;
 Qy 173 LTTTPVLPTEETQEEEDAKTTFKESREAAALNAY 203
 Db 205 LTTTPVLPTEETQEEEDAKTTFKESREAAALNAY 235
 ;
 ;
 RESULT 6
 US-09-903-603A-137
 ; Sequence 137, Application US/09903603A
 ; Patent No. 6767995
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/906,700
 ; CURRENT FILING DATE: 2000-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20

; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kijavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; ACIDS Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/904,920A
 ; CURRENT FILING DATE: 2001-07-13
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO: 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-903-603A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	RLLS-----GQPVCRGGTQRPCYKVIFHDTSRRLNFEEAKEACRRDGGQLVSI Db	25	RLLSASDDLRLRGQPVCRGGTQRPCYKVIFHDTSRRLNFEEAKEACRRDGGQLVSI ESE 84
Qy	53	DEQKLIKEKFIENLLPSDGDFWIGLRRREKEQSNSTACQDLYAWTDGSI Db	85	DEQKLIKEKFIENLLPSDGDFWIGLRRREKEQSNSTACQDLYAWTDGSI S 144
Qy	113	CGSEEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA Db	145	CGSEEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA VSE 172
Qy	173	LTTPVLPVPEETQEEAKKTFKESREALNAY 203	Qy	173 CGSEEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA VSE 204
Db	205	LTTPVLPVPEETQEEAKKTFKESREALNAY 235	Db	205 LTTPVLPVPEETQEEAKKTFKESREALNAY 235

RESULT 7
 US-09-904-920A-137
 ; Sequence 137, Application US/09904920A
 ; Patent No. 6806352
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.

; Query Match 98.7%; Score 1086; DB 4; Length 382;
 ; Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 ; Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	RLLS-----GQPVCRGGTQRPCYKVIFHDTSRRLNFEEAKEACRRDGGQLV Db	25	RLLSASDDLRLRGQPVCRGGTQRPCYKVIFHDTSRRLNFEEAKEACRRDGGQLV S 84
Qy	53	DEQKLIKEKFIENLPSDGFDFWIGLRRREKEQSNSTACQDLYAWTDGSI Db	85	DEQKLIKEKFIENLPSDGFDFWIGLRRREKEQSNSTACQDLYAWTDGSI S 112
Qy	113	CGSEEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA Db	144	CGSEEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA VSE 144
Qy	173	LTTPVLPVPEETQEEAKKTFKESREALNAY 203	Qy	173 CGSEEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA VSE 204
Db	205	LTTPVLPVPEETQEEAKKTFKESREALNAY 235	Db	205 LTTPVLPVPEETQEEAKKTFKESREALNAY 235

; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-904-920A-137

RESULT 8

US-09-909-064-137 ; Sequence 137, Application US/09909064

Db 145 CGSEVCVVMTHQPSAPAGIGGPFMFQWNDRCNMKNNFICKYSDEKPAVPSRAEGEETE 204

Qy 173 LTTPVLPTEEQEDAKKTFKESREAAALNAY 203

Db 205 LTTPVLPTEEQEDAKKTFKESREAAALNAY 235

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillian, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909, 064

CURRENT FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143, 048

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/145, 698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145, 698

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 137

LENGTH: 382

TYPE: PRT

ORGANISM: Homo sapiens

US-09-909-064-137

Query Match 98.7%; Score 1086; DB 4; Length 382;

Best Local Similarity 96.2%; Pred. No. 3.6e-105;

Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

1 RLIS-----GQPYCVRGGTQPCYKTYFHDTSRRLNFEAKEACRRDGGQLVSI52

25 RLISASDLIRGGQPVCRGGTQPCYKTYFHDTSRRLNFEAKEACRRDGGQLVSI84

Qy 53 DEQKLIKEKPIENLLPSDGFDFWIGLRRREEKQNSNSTACQDLYAWTDGSISQFRNWWYDEPS 112

Db 85 DEQKLIKEKPIENLLPSDGFDFWIGLRRREEKQNSNSTACQDLYAWTDGSISQFRNWWYDEPS 144

Qy 113 CGSEVCVVMTHQPSAPAGIGGPFMFQWNDRCNMKNNFICKYSDEKPAVPSRAEGEETE 172

Db 145 CGSEVCVVMTHQPSAPAGIGGPFMFQWNDRCNMKNNFICKYSDEKPAVPSRAEGEETE 204

Qy 173 LTTPVLPTEEQEDAKKTFKESREAAALNAY 203

Db 205 LTTPVLPTEEQEDAKKTFKESREAAALNAY 235

RESULT 9

US-09-905-381A-137

Sequence 137, Application US/09905381A

Patent No. 6818746

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillian, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909, 064

CURRENT FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143, 048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145, 698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSIESE 52
 Db 25 RLLSASDLDLRRGGQPVRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSIESE 84

Qy 53 DEQKLIEKFIENLJLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSISOFRNWYVDEPS 112
 Db 85 DEQKLIEKFIENLJLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSISOFRNWYVDEPS 144

Qy 113 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 172
 Db 145 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 204

Qy 173 LTTPVLPETQEEAKKTFKESREALNAY 203
 Db 205 LTTPVLPETQEEAKKTFKESREALNAY 235

RESULT 10
 US-09-906-618-137
 ; Sequence 137, Application US/09906618
 ; Patent No. 6828146
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSIESE 52
 Db 25 RLLSASDLDLRRGGQPVRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSIESE 84

Qy 53 DEQKLIEKFIENLJLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSISOFRNWYVDEPS 112
 Db 85 DEQKLIEKFIENLJLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSISOFRNWYVDEPS 144

Qy 113 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 172
 Db 145 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 204

Qy 173 LTTPVLPETQEEAKKTFKESREALNAY 203
 Db 205 LTTPVLPETQEEAKKTFKESREALNAY 235

Query Match 98.7%; Score 1086; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3.6e-105;
 Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSIESE 52
 Db 25 RLLSASDLDLRRGGQPVRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSIESE 84

Qy 53 DEQKLIEKFIENLJLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSISOFRNWYVDEPS 112
 Db 85 DEQKLIEKFIENLJLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSISOFRNWYVDEPS 144

Qy 113 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 172
 Db 145 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 204

Qy 113 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 172
 Db 145 CGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSRAEAEETE 204


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; EARTIER FILING DATE: 1998-08-05
; EARTIER APPLICATION NUMBER: 60/096,319
; EARTIER FILING DATE: 1998-08-12
; EARTIER APPLICATION NUMBER: 60/095,454
; EARTIER FILING DATE: 1998-08-06
; EARTIER APPLICATION NUMBER: 60/095,455
; EARTIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 234
LENGTH: 82
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (82)
OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-234

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Query Match      20.5%;  Score 225;  DB 4;  Length 82;
Best Local Similarity 100.0%;  Pred. No. 5e-16;
Matches 41;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 RLLSGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 41
Db      25 RLLSGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 65

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```

RESULT 15
US-09-489-847-324
; Sequence 324, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489, 847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094, 657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095, 486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096, 319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095, 454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095, 455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 324
LENGTH: 115
TYPE: PRT
ORGANISM: Homo sapiens
US-09-489-847-324

```

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Query Match      20.5%;  Score 225;  DB 4;  Length 115;
Best Local Similarity 100.0%;  Pred. No. 7.9e-16;
Matches 41;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 RLLSGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 41
Db      59 RLLSGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 99

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Search completed: July 11, 2005, 18:14:38
Job time : 25.8303 secs

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GenCore version 5.1.6
 Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model
 Run on: July 11, 2005, 18:10:31 ; Search time 90.5188 Seconds
 (without alignments)
 870.667 Million cell updates/sec

Title: US-09-887-855-2_COPY_24_227
 Perfect score: 1106
 Sequence: 1 GRLLSGQPVCRGGTQRPCYK.....EEDAKKTFKESREAALNLAY 204

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 1726218 seqs, 386331768 residues

Total number of hits satisfying chosen parameters: 1726218

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing First 45 summaries

Database : Published Applications AA:*

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2: /cgn2_6/ptodata/1/pubpaa/PCR_NEW_PUB.pep:*

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18: /cgn2_6/ptodata/1/pubpaa/us11A_PUBCOMB.pep:*

19: /cgn2_6/ptodata/1/pubpaa/us11A_PUBCOMB.pep:*

20: /cgn2_6/ptodata/1/pubpaa/us11_NEW_PUB.pep:*

21: /cgn2_6/ptodata/1/pubpaa/us60_NEW_PUB.pep:*

22: /cgn2_6/ptodata/1/pubpaa/us60_PUBCOMB.pep:*

ALIGNMENTS

RESULT 1
 US-09-887-855-5
 ; Sequence 5, Application US-09887855
 ; Patent No. US20020058310A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Immunex Corporation
 ; INVENTION: LECTIN M
 ; FILE REFERENCE: SS3939 DNA AND POLYPEPTIDES
 ; CURRENT APPLICATION NUMBER: US/09/887,855
 ; CURRENT FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 5
 ; LENGTH: 206
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-887-855-5

Pred. No. 18 is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1106	100.0	206	9	US-09-887-855-5
2	1106	100.0	374	9	US-09-887-855-2
3	1106	100.0	374	14	US-10-149-819-15
4	1106	100.0	374	15	US-10-094-749-2090
5	1106	100.0	374	15	US-10-264-237-2579
6	1106	100.0	374	16	US-10-648-593-148
7	1106	100.0	387	15	US-10-296-115-1311
8	1102	99.6	374	15	US-10-094-749-2142
9	1096	99.1	374	15	US-10-351-334-166
10	1092	98.7	382	9	US-09-909-320-137
11	1092	98.7	382	9	US-09-909-088B-137

Query	Match	Score	1106;	DB	9;	Length	206;
1	GRLLSGQPVCRGGTQRPCYKIVFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLINE	60					
2							
3	GRLLSGQPVCRGGTQRPCYKIVFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLINE	62					
41	KFIENLLPSDGGDFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWTYDEPSCGSEVCV	120					
63	KFIENLLPSDGGDFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWTYDEPSCGSEVCV	122					
121	VMYHQPSPAGIGGPMQWNDDRCNMNNFICKYSDDEKPAVPSRAEAEETELTPVLP	180					
123	VMYHQPSPAGIGGPMQWNDDRCNMNNFICKYSDDEKPAVPSRAEAEETELTPVLP	182					

ORGANISM: Homo sapiens
 FEATURE: misc feature
 NAME/KEY: OTHER INFORMATION: Incyte ID No. US20030044913A1 3143411CD1
 US-10-149-819-15

Query Match 100.0%; Score 1106; DB 14; Length 374;
 Best Local Similarity 100.0%; Pred. No. 1.2e-99;
 Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Db 24 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Qy 61 KF1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Db 84 KF1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Qy 121 VMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAV
 Db 144 VMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAV
 Qy 181 EETQEEDAKKTFKESREAA
 Db 204 EETQEEDAKKTFKESREAA
 Qy 100.0%; Score 1106; DB 9; Length 374;
 Best Local Similarity 100.0%; Pred. No. 1.2e-99;
 Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Db 24 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Qy 61 KF1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Db 84 KF1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Qy 121 VMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAV
 Db 144 VMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAV
 Qy 181 EETQEEDAKKTFKESREAA
 Db 204 EETQEEDAKKTFKESREAA
 Qy 100.0%; Score 1106; DB 9; Length 374;
 Best Local Similarity 100.0%; Pred. No. 1.2e-99;
 Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Db 24 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Qy 61 KF1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Db 84 KF1ENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN
 Qy 121 VMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAV
 Db 144 VMYHQPSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAV
 Qy 181 EETQEEDAKKTFKESREAA
 Db 204 EETQEEDAKKTFKESREAA
 Qy 100.0%; Score 1106; DB 15; Length 374;
 Best Local Similarity 100.0%; Pred. No. 1.2e-99;
 Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI
 Db 24 GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI

RESULT 5

US-10-264-237-2579

; Sequence 2579, Application US/10264237

; Publication No. US20040009491A1

; GENERAL INFORMATION:

; APPLICANT: Birse et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

; FILE REFERENCE: PA131P1

; CURRENT APPLICATION NUMBER: US/10/264,237

; CURRENT FILING DATE: 2002-10-04

; PRIOR APPLICATION NUMBER: PCT/US01/16450

; PRIOR FILING DATE: 2001-05-18

; PRIOR APPLICATION NUMBER: US 60/205,515

; PRIOR FILING DATE: 2000-05-19

; NUMBER OF SEQ ID NOS: 2876

; SOFTWARE: PatentIn Ver. 3.1

; SEQ ID NO: 2579

; LENGTH: 374

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-264-237-2579

Query Match 100.0%; Score 1106; DB 15; Length 374;

Best Local Similarity 100.0%; Pred. No. 1.2e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 24 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 83

Query Match 100.0%; Score 1106; DB 15; Length 374;

Best Local Similarity 100.0%; Pred. No. 1.2e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 24 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 83

Query Match 100.0%; Score 1106; DB 15; Length 374;

Best Local Similarity 100.0%; Pred. No. 1.2e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 84 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 143

Query Match 100.0%; Score 1106; DB 15; Length 374;

Best Local Similarity 100.0%; Pred. No. 1.2e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 84 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 143

Query Match 100.0%; Score 1106; DB 15; Length 374;

Best Local Similarity 100.0%; Pred. No. 1.2e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 84 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 143

RESULT 6

US-10-648-593-148

; Sequence 148, Application US/10648593

; Publication No. US20040106132A1

; GENERAL INFORMATION:

; APPLICANT: Bristol-Myers Squibb Company

; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT

; TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR

; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS

; FILE REFERENCE: D0273 NP

; CURRENT APPLICATION NUMBER: US/10/648,593

; CURRENT FILING DATE: 2003-08-26

; PRIOR APPLICATION NUMBER: 60/406,385

; PRIOR FILING DATE: 2002-08-27

; NUMBER OF SEQ ID NOS: 557

; SOFTWARE: PatentIn version 3.2

Query Match 100.0%; Score 1106; DB 15; Length 387;

Best Local Similarity 100.0%; Pred. No. 1.3e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 37 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 96

Query Match 100.0%; Score 1106; DB 15; Length 387;

Best Local Similarity 100.0%; Pred. No. 1.3e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 97 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 156

Query Match 100.0%; Score 1106; DB 15; Length 387;

Best Local Similarity 100.0%; Pred. No. 1.3e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 121 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 180

Query Match 100.0%; Score 1106; DB 15; Length 387;

Best Local Similarity 100.0%; Pred. No. 1.3e-99;

Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 60

Db 157 GRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSYSEDEQKLIE 216

RESULT 8

US-10-094-749-2142

; Sequence 2142, Application US/10094749

; Publication No. US20030219741A1

GENERAL INFORMATION:

APPLICANT: ISOGAI, TAKAO
 APPLICANT: SUGIYAMA, TOMOYASU
 APPLICANT: OTSUKI, TETSUJI
 APPLICANT: WAKAMATSU, AI
 APPLICANT: SATO, HIROYUKI
 APPLICANT: HIO, YURI
 APPLICANT: ISHII, SHIZUKO
 APPLICANT: YAMAMOTO, JUN-ICHI
 APPLICANT: ISONO, YUKO
 APPLICANT: HIO, YURI
 APPLICANT: OTSUKA, KAORU
 APPLICANT: NAGAI, KEIICHI
 APPLICANT: IRIE, RYOTARO
 APPLICANT: TAMECHIKA, ICHIRO
 APPLICANT: SEKI, NAOHIKO
 APPLICANT: YOSHIKAWA, TSUTOMU
 APPLICANT: OTSUKA, MOTOKI
 APPLICANT: NAGAHARI, KENJI
 APPLICANT: MASUHO, YASUHIKO

TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA

FILE REFERENCE: 084335/0160

CURRENT APPLICATION NUMBER: US/10/094,749

CURRENT FILING DATE: 2002-03-12

PRIOR APPLICATION NUMBER: 60/350,435

PRIOR FILING DATE: 2002-01-24

PRIOR APPLICATION NUMBER: JP 2001-328381

PRIOR FILING DATE: 2001-09-14

NUMBER OF SEQ ID NOS: 3381

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 2142

LENGTH: 374

TYPE: PRT

ORGANISM: Homo sapiens

SEQ ID NO: 166

LENGTH: 374

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (84)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE:

NAME/KEY: SITE

LOCATION: (112)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-10-351-334-166

Query Match 99.1%; Score 1096; DB 15; Length 374;
 Best Local Similarity 99.0%; Pred. No. 1.2e-98;
 Matches 202; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GRLLSGQQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGSIESEDEQKLIE 60
 DB 24 GRLLSGQQPVCRGGTQRPCYKVIFYFHDTSRRLNFEAKEACRRDGGSIESEDEQKLIE 83

QY 61 KF1ENLLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWVDEPSCGSEVCV 120
 DB 84 XFIENLLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWVDEPSCGSEVCV 84

QY 121 VMYHOPSAPIAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETELTPVLP 180
 DB 144 VMYHOPSAPIAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGEETELTPVLP 203

QY 181 EETQEEDAKKTFKESREAAALNAY 204
 DB 204 EETQEEDAKKTFKESREAAALNAY 227

RESULT 10
 US-09-090-320-137
 Sequence 137, Application US/09909320
 Patent No. US20020132240A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Klijaviv, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.

APPLICANT: Komatsoulis et al

TITLE OF INVENTION: 98 Human Secreted Proteins

FILE REFERENCE: P2031P2

CURRENT APPLICATION NUMBER: US/10/351,334

CURRENT FILING DATE: 2003-01-27

PRIOR APPLICATION NUMBER: 60/350,898

PRIOR FILING DATE: 2002-01-25

PRIOR APPLICATION NUMBER: 09/489,847

PRIOR FILING DATE: 2000-01-24

PRIOR APPLICATION NUMBER: PCT/US99/17130

PRIOR APPLICATION NUMBER: 60/094,657

RESULT 9
 US-10-351-334-166
 Sequence 166, Application US/10351334
 Publication No. US20040034196A1

GENERAL INFORMATION:

APPLICANT: Komatsoulis et al

TITLE OF INVENTION: 98 Human Secreted Proteins

FILE REFERENCE: P2031P2

CURRENT APPLICATION NUMBER: US/10/351,334

CURRENT FILING DATE: 2003-01-27

PRIOR APPLICATION NUMBER: 60/350,898

PRIOR FILING DATE: 2002-01-25

PRIOR APPLICATION NUMBER: 09/489,847

PRIOR FILING DATE: 2000-01-24

PRIOR APPLICATION NUMBER: PCT/US99/17130

PRIOR APPLICATION NUMBER: 60/094,657

APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909,320

CURRENT FILING DATE: 2002-01-04

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20590

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 137

LENGTH: 382

TYPE: PRT

ORGANISM: Homo sapiens

US-09-909-320-137

Query Match 98.7%; Score 1092; DB 9; Length 382;
 Best Local Similarity 96.2%; Prid. No. 3e-98;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRILS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52

Db 24 GRLLSASDDLRLRGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 83

Qy 53 EDEQKLEKPKIENLLPSDGFWIGLRRREEEKQSNSNSTACQDLYAWTGDSISQFRNWYVDEP 112

Db 84 EDEQKLEKPKIENLLPSDGFWIGLRRREEEKQSNSNSTACQDLYAWTGDSISQFRNWYVDEP 143

Qy 113 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSREAEGET 172

Db 144 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNFICKYSDEKPAVPSREAEGET 203

Qy 173 BLTTPVLPVLEETQEDAKKTFKESREAAALNAY 204

Db 204 ELTTPVLPVLEETQEDAKKTFKESREAAALNAY 235

RESULT 11
 US-09-909-088B-137
 ; Sequence 137, Application US/0909088B

SEQ ID NO 137

LENGTH: 382

TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-909-088B-137

Patent No. US20020146709A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kijavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909,088B
 CURRENT FILING DATE: 2001-07-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-909-088B-137

Query Match 98.7%; Score 1092; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3e-98;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLS-----GQPVCRGGTQRCYKVYFHDTSRRLNFEAKEACRRDGGQLSIES 52
 Db 24 GRLSASDDLRLGGQPVCRGGTQRCYKVYFHDTSRRLNFEAKEACRRDGGQLSIES 83

Qy 53 EDEQKLIEKFIENLPSDGFwigLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYVDEP 112
 Db 84 EDEQKLIEKFIENLPSDGFwigLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYVDEP 143

Qy 113 SCGSEVCVVMYHQSAPAGIGGYMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 172
 Db 144 SCGSEVCVVMYHQSAPAGIGGYMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 203

Qy 173 ELTTPVLPVLEETQEEAKKTFKESREAAALNAY 204
 Db 204 ELTTPVLPVLEETQEEAKKTFKESREAAALNAY 235

RESULT 12
 US-09-905-291A-137
 ; Sequence 137, Application US/09905291A

; Patent No. US2002160374A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kliavkin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905,291A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO: 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-905-291A-137

Query Match 98.7%; Score 1092; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3e-98;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLS-----GQPVCRGGTQRCYKVYFHDTSRRLNFEAKEACRRDGGQLSIES 52
 Db 24 GRLSASDDLRLGGQPVCRGGTQRCYKVYFHDTSRRLNFEAKEACRRDGGQLSIES 83

Qy 53 EDEQKLIEKFIENLPSDGFwigLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYVDEP 112
 Db 84 EDEQKLIEKFIENLPSDGFwigLRRREEKQSNSTACQDLYAWTDGSISQFRNWWYVDEP 143

Qy 113 SCGSEVCVVMYHQSAPAGIGGYMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 172
 Db 144 SCGSEVCVVMYHQSAPAGIGGYMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 203

Qy 173 ELTTPVLPVLEETQEEAKKTFKESREAAALNAY 204
 Db 204 ELTTPVLPVLEETQEEAKKTFKESREAAALNAY 235

RESULT 13
 US-09-902-853-137
 ; Sequence 137, Application US/09902853
 ; Publication No. US2002192659A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kliavkin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905,291A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089

; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/902,853
 ; CURRENT FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: US/09/665,350
 ; PRIOR FILING DATE: 2000-09-18
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; SEQ ID NO 902-853-137

Query Match 98.7%; Score 1092; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3e-98; Mismatches 0; Indels 8; Gaps 1;
 Matches 204; Conservative 0;

Qy	Db	Start	End	Sequence
Qy 1	Db 24	GRLLS-----	GRLLS-----	GOPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIES
Qy 53	Db 84	EDEQKLIEKPIENILPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVDEP	EDEQKLIEKPIENILPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVDEP	52
Qy 84	Db 84	EDEQKLIEKPIENILPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVDEP	EDEQKLIEKPIENILPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVDEP	112
Qy 113	Db 144	SCGSEEVVVMYHQPSAPAGIGGPMQWMDRCNMKNNFICKYDEKPAVPSREAEGET	SCGSEEVVVMYHQPSAPAGIGGPMQWMDRCNMKNNFICKYDEKPAVPSREAEGET	172
Qy 144	Db 144	SCGSEEVVVMYHQPSAPAGIGGPMQWMDRCNMKNNFICKYDEKPAVPSREAEGET	SCGSEEVVVMYHQPSAPAGIGGPMQWMDRCNMKNNFICKYDEKPAVPSREAEGET	203
Qy 173	Db 204	ELTPPVLPBETQEDAKKTFKESREALNLAY 204	ELTPPVLPBETQEDAKKTFKESREALNLAY 235	
Qy 204	Db 204	ELTPPVLPBETQEDAKKTFKESREALNLAY 235		

RESULT 14
 US-09-907-824-137
 ; Sequence 137, Application US/09907824
 ; Publication No. US20020197671A1

LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-907-824-137

Query Match 98.7%; Score 1092; DB 9; Length 382;
 Best Local Similarity 96.2%; Pred. No. 3e-98; 0; Gaps 1;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

2y 1 GRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSIEST 52
 Db 24 GRLLSASDLIRGGQQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSIEST 83

2y 53 EDEQKLIEKFIENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWYVDEP 112
 Db 84 EDEQKLIEKFIENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWYVDEP 143

Qy 113 SCGSEVCVVMYHQPSSAPAGIGGPMQWNNDRCNMKNNFICKYSDEKPAVPSREAGEET 172
 Db 144 SCGSEVCVVMYHQPSSAPAGIGGPMQWNNDRCNMKNNFICKYSDEKPAVPSREAGEET 203

Qy 173 ELTPVLPTEETQEEAKKTFKESREAAALNLAY 204
 Db 204 ELTPVLPTEETQEEAKKTFKESREAAALNLAY 235

RESULT 15 US-09-907-841-137
 Sequence 137, Application US/09907841
 Publication No. US20020198366A1

GENERAL INFORMATION:
 / APPLICANT: Genentech, Inc.
 / APPLICANT: Ashkenazi, Avi
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerber, Hanspeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, A.
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth, J.
 / APPLICANT: Klijavin, Ivar J.
 / APPLICANT: Mather, Jennie P.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William, I.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / TITLE OF INVENTION: Acids Encoding the Same
 / FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/907,841
 CURRENT FILING DATE: 2001-11-20
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 / PRIOR FILING DATE: 2000-02-22
 / PRIOR APPLICATION NUMBER: US 60/143,048
 / PRIOR FILING DATE: 1999-07-07
 / PRIOR APPLICATION NUMBER: US 60/145,698
 / PRIOR FILING DATE: 1999-07-26
 / PRIOR APPLICATION NUMBER: US 60/146,222
 / PRIOR FILING DATE: 1999-09-13
 / PRIOR APPLICATION NUMBER: PCT/US99/21090
 / PRIOR FILING DATE: 1999-09-15
 / PRIOR APPLICATION NUMBER: PCT/US99/21547
 / PRIOR FILING DATE: 1999-09-15

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:00:21 ; Search time 25.9576 Seconds
(without alignments)
586.665 Million cell updates/sec

Title: US-09-887-855-2_COPY_24_227

Perfect score: 1106

Sequence: 1 GRILLSQPVCRGGTQRPCYK.....EDAKKTFKESREANILAY 204

Scoring table: BLOSSUM62

Gapopen 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

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4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	1096	99.1	374	4	US-09-489-847-166	Sequence 166, App
2	1092	98.7	382	4	US-09-907-794A-137	Sequence 137, App
3	1092	98.7	382	4	US-09-905-125A-137	Sequence 137, App
4	1092	98.7	382	4	US-09-902-775A-137	Sequence 137, App
5	1092	98.7	382	4	US-09-906-700-137	Sequence 137, App
6	1092	98.7	382	4	US-09-903-603A-137	Sequence 137, App
7	1092	98.7	382	4	US-09-904-920A-137	Sequence 137, App
8	1092	98.7	382	4	US-09-909-064-137	Sequence 137, App
9	1092	98.7	382	4	US-09-905-381A-137	Sequence 137, App
10	1092	98.7	382	4	US-09-906-618-137	Sequence 137, App
11	939.5	84.9	260	4	US-09-638-203-3	Sequence 3, Appli
12	561.5	50.8	273	4	US-09-638-203-2	Sequence 2, Appli
13	231	20.9	81	4	US-09-489-847-325	Sequence 325, App
14	231	20.9	82	4	US-09-489-847-234	Sequence 234, App
15	231	20.9	115	4	US-09-489-847-324	Sequence 324, App
16	182	16.5	1456	4	US-09-976-594-168	Sequence 168, App
17	178.5	16.1	1455	3	US-08-840-062-5	Sequence 5, Appli
18	176.5	16.0	1479	3	US-08-840-062-4	Sequence 4, Appli
19	174	15.7	1257	1	US-08-340-428B-49	Sequence 49, Appli
20	174	15.7	2409	6	5180808-2	Patent No. 5180808
21	174	15.7	2409	6	5180808-2	Patent No. 5180808
22	170.5	15.4	1479	3	US-08-840-062-2	Sequence 2, Appli
23	152	13.7	912	5	PCT-US95-03747-2	Sequence 2, Appli
24	151	13.7	197	4	US-09-602-877A-99	Sequence 99, Appli
25	149.5	13.5	455	4	US-09-866-028-50	Sequence 50, Appli
26	149.5	13.5	455	4	US-09-944-457-50	Sequence 50, Appli
27	149	13.5	174	1	US-07-641-971B-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-489-847-166
; Sequence 166, Application US/09489847
; Patent No. 6476195

; GENERAL INFORMATION:

; APPLICANT: Rosen et al

; TITLE OF INVENTION: 98 Human Secreted Proteins

; FILE REFERENCE: PZ031P1

; CURRENT APPLICATION NUMBER: US/09/489, 847

; CURRENT FILING DATE: 2000-01-24

; EARLIER APPLICATION NUMBER: PCT/US99/17130

; EARLIER FILING DATE: 1999-07-29

; EARLIER APPLICATION NUMBER: 60/094, 657

; EARLIER FILING DATE: 1998-07-30

; EARLIER APPLICATION NUMBER: 60/095, 486

; EARLIER FILING DATE: 1998-08-05

; EARLIER APPLICATION NUMBER: 60/096, 319

; EARLIER FILING DATE: 1998-08-12

; EARLIER APPLICATION NUMBER: 60/095, 454

; EARLIER FILING DATE: 1998-08-06

; EARLIER APPLICATION NUMBER: 60/095, 455

; EARLIER FILING DATE: 1998-08-06

; NUMBER OF SEQ ID NOS: 376

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 166

; LENGTH: 374

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (84)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (112)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; US-09-489-847-166

Qy 1 GRLLSGQPVCRRGGTQRPCYKVIYFHDTSRRLNFEEAKCRDGGQLVSISSDEQKLIE 60

Db 24 GRLLSGQPVCRRGGTQRPCYKVIYFHDTSRRLNFEEAKCRDGGQLVSISSDEQKLIE 83

Qy 61 KFIELNLPSDGFDFWIGLRRBEEQNSNSTACDLYAWTDGSISQFRNWTYDPSGCGSEVCV 120

Db 84 XFIENLPSDGFDFWIGLRRBEEQNSNSTACDLYAWTDGSISQFRNWTYDPSGCGSEVCV 143

Qy 121 VMYHOPSPAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVPSREAEGETELTPVLP 180
 ; Sequence 137, Application US/09907794A
 ; Patent No. 6635468

Db 144 VMYHOPSPAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVPSREAEGETELTPVLP 203

Qy 181 ETOQEEADAKKTFKESREAAALNAY 204
 Db 204 ETOQEEADAKKTFKESREAAALNAY 227

RESULT 2
 US-09-907-794A-137
 ; Sequence 137, Application US/09907794A

; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/907,794A
 CURRENT FILING DATE: 2001-07-17
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911

; ORGANISM: Homo sapiens
 US-09-907-794A-137
 Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0;
 Indels 8; Gaps 1;
 Qy 1 GRILLS-----GQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGGQLVSISS 52
 Db 24 GRILLSASDLDLRLGGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGGQLVSISS 83
 Qy 53 EDEQKLIEKPIENLPSDGFQWIGLRRREEEKQSNSNSTACQDLYAWTDGSISQFRNWYVDEP 112
 Db 84 EDEQKLIEKPIENLPSDGFQWIGLRRREEEKQSNSNSTACQDLYAWTDGSISQFRNWYVDEP 143
 Qy 113 SCGSEVCVVMYHOPSPAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVPSREAEGET 172
 Db 144 SCGSEVCVVMYHOPSPAPAGIGGPPMFQWNDDRCNMKNFNICKYSDEKPAVPSREAEGET 203
 ; RESULT 3
 US-09-905-125A-137
 ; Sequence 137, Application US/09905125A
 ; Patent No. 6664376
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.;
 ; APPLICANT: Ashkenazi, Avi;
 ; APPLICANT: Botstein, David;
 ; APPLICANT: Desnoyers, Luc;
 ; APPLICANT: Eaton, Dan L.;
 ; APPLICANT: Ferrara, Napoleone;
 ; APPLICANT: Filvaroff, Ellen;
 ; APPLICANT: Fong, Sherman;
 ; APPLICANT: Gao, Wei-Qiang;
 ; APPLICANT: Gerber, Hanspeter;
 ; APPLICANT: Gerritsen, Mary E.;
 ; APPLICANT: Goddard, A.;
 ; APPLICANT: Grimaldi, Paul J.;
 ; APPLICANT: Grimaldi, Christopher J.;
 ; APPLICANT: Hillan, Kenneth, J.;
 ; APPLICANT: Kljavin, Ivar J.;
 ; APPLICANT: Mather, Jennie P.;
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas F.;
 ; APPLICANT: Roy, Margaret Ann;
 ; APPLICANT: Stewart, Timothy A.;
 ; APPLICANT: Tumas, Daniel;
 ; APPLICANT: Williams, P. Mickey;
 ; APPLICANT: Wood, William, I.;
 ; APPLICANT: Kljavin, Ivar J.;
 ; APPLICANT: Grimaldi, Christopher J.;
 ; APPLICANT: Hillan, Kenneth, J.;
 ; APPLICANT: Kljavin, Ivar J.;
 ; APPLICANT: Mather, Jennie P.;
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas F.;
 ; APPLICANT: Roy, Margaret Ann;
 ; APPLICANT: Stewart, Timothy A.;
 ; APPLICANT: Tumas, Daniel;
 ; APPLICANT: Williams, P. Mickey;
 ; APPLICANT: Wood, William, I.;
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905,125A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30944
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 -09-905-125A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

1	GRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI	52
24	GRLLSASDLRLRGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI	83
53	EDEQKLIKEKFIEPLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN	112
84	EDEQKLIKEKFIEPLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN	143
113	SCGSEVCVYMHQPSAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAEGEET	172
144	SCGSEVCVYMHQPSAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAEGEET	203
173	ELTPVLPVLEETQEEAKKTFKESREALNLAY 204	
204	ELTPVLPVLEETQEEAKKTFKESREALNLAY 235	

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

1	GRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI	52
24	GRLLSASDLRLRGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI	83
53	EDEQKLIKEKFIEPLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN	112
84	EDEQKLIKEKFIEPLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN	143
113	SCGSEVCVYMHQPSAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAEGEET	172
144	SCGSEVCVYMHQPSAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAEGEET	203
173	ELTPVLPVLEETQEEAKKTFKESREALNLAY 204	
204	ELTPVLPVLEETQEEAKKTFKESREALNLAY 235	

RESULT 4
 -09-902-775A-137
 Sequence 137, Application US/09902775A
 Patent No. 6696451
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: SCGSEVCVYMHQPSAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAEGEET

Qy 53 EDEQKLIKEKFIEPLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN

Db 84 EDEQKLIKEKFIEPLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRN

RESULT 5
 US-09-906-700-137
 ; Sequence 137, Application US/09906700
 ; Patent No. 6723535
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; ACIDS Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/906,700
 ; CURRENT FILING DATE: 2000-09-18
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO: 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-906-700-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTQRCPCKVVIYFHTSRRRNFEAKEACRRDGGQQLVSIIES 52
 Db 24 GRLLSASDLDLRLGGQPVCRGGTQRCPCKVVIYFHTSRRRNFEAKEACRRDGGQQLVSIIES 83

Qy 53 EDEQKLIEKFIFIENLLPSGDGFWIGLRRREEKQNSNSTACQDLYAWTDDGSISQFRNWWYVDEP 112
 Db 84 EDEQKLIEKFIFIENLLPSGDGFWIGLRRREEKQNSNSTACQDLYAWTDDGSISQFRNWWYVDEP 143

Qy 113 SCGSEYCVVMMYHQPSAAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 172
 Db 144 SCGSEYCVVMMYHQPSAAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 203

Qy 173 ELTTTPVLPETQQEDAKKTFFKESREAAALNLY 204
 Db 204 ELTTTPVLPETQQEDAKKTFFKESREAAALNLY 235

RESULT 6
 US-09-903-603A-137
 ; Sequence 137, Application US/09903603A
 ; Patent No. 6767995
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; ACIDS Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/903,603
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO: 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-903-603A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTQRCPCKVVIYFHTSRRRNFEAKEACRRDGGQQLVSIIES 52
 Db 24 GRLLSASDLDLRLGGQPVCRGGTQRCPCKVVIYFHTSRRRNFEAKEACRRDGGQQLVSIIES 83

Qy 53 EDEQKLIEKFIFIENLLPSGDGFWIGLRRREEKQNSNSTACQDLYAWTDDGSISQFRNWWYVDEP 112
 Db 84 EDEQKLIEKFIFIENLLPSGDGFWIGLRRREEKQNSNSTACQDLYAWTDDGSISQFRNWWYVDEP 143

Qy 113 SCGSEYCVVMMYHQPSAAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 172
 Db 144 SCGSEYCVVMMYHQPSAAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEGET 203

Qy 173 ELTTTPVLPETQQEDAKKTFFKESREAAALNLY 204
 Db 204 ELTTTPVLPETQQEDAKKTFFKESREAAALNLY 235

RESULT 6
 US-09-903-603A-137
 ; Sequence 137, Application US/09903603A
 ; Patent No. 6767995
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; ACIDS Encoding the Same
 ; FILE REFERENCE: 1618P2C12
 ; CURRENT APPLICATION NUMBER: US/09/903,603A
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
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 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens

US-09-903-603A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	Db	Score	Length
1	1	98.7%	382
53	53	98.7%	382
84	84	98.7%	382
113	113	98.7%	382
144	144	98.7%	382
173	173	98.7%	382
204	204	98.7%	382

RESULT 7
 US-09-904-920A-137
 Sequence 137, Application US/09904920A
 Patent No. 6806352
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Gromaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/904, 920A
 CURRENT FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143, 048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145, 698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146, 222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens

US-09-904-920A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	Db	Score	Length
1	1	98.7%	382
53	53	98.7%	382
84	84	98.7%	382
113	113	98.7%	382
144	144	98.7%	382
173	173	98.7%	382
204	204	98.7%	382

RESULT 7
 US-09-904-920A-137
 Sequence 137, Application US/09904920A
 Patent No. 6806352
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Gromaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/904, 920A
 CURRENT FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143, 048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145, 698
 PRIOR FILING DATE: 1999-07-26
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 PRIOR FILING DATE: 1999-07-28
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 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
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 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
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 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens

US-09-904-920A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	Db	Score	Length
1	1	98.7%	382
53	53	98.7%	382
84	84	98.7%	382
113	113	98.7%	382
144	144	98.7%	382
173	173	98.7%	382
204	204	98.7%	382

RESULT 8
US-09-909-064-137
Sequence 137, Application US/09909064
Patent No. 6818449
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
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 PRIOR APPLICATION NUMBER: PCT/US99/20944
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 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-905-381A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTORPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSTIES 52
 Db 24 GRLLSASDLRLGGQPVCRGGTORPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSTIES 83

Qy 53 EDEQKLIKEKFIELNLPSGDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNWYVDEP 112
 Db 84 EDEQKLIKEKFIELNLPSGDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNWYVDEP 143

Qy 113 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAEGET 172
 Db 144 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAEGET 203

Qy 173 ELTTPVLPETQEDAKKTFKESREALNLAY 204
 Db 204 ELTTPVLPETQEDAKKTFKESREALNLAY 235

RESULT 10
 US-09-906-618-137
 ; Sequence 137, Application US/09906618
 ; Patent No. 6828146
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Pilvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTORPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSTIES 52
 Db 24 GRLLSASDLRLGGQPVCRGGTORPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSTIES 83

Qy 53 EDEQKLIKEKFIELNLPSGDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNWYVDEP 112

Qy 84 EDEQKLIKEKFIELNLPSGDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNWYVDEP 143

Qy 113 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAEGET 172

Db 144 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAEGET 203

Qy 173 ELTTPVLPETQEDAKKTFKESREALNLAY 204

Db 204 ELTTPVLPETQEDAKKTFKESREALNLAY 235

Query Match 98.7%; Score 1092; DB 4; Length 382;
 Best Local Similarity 96.2%; Pred. No. 7.7e-106;
 Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTORPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSTIES 52
 Db 24 GRLLSASDLRLGGQPVCRGGTORPCYKVIFYFHDTSRRLNFEAKEACRRDGGQLVSTIES 83

Qy 53 EDEQKLIKEKFIELNLPSGDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNWYVDEP 112

Qy 84 EDEQKLIKEKFIELNLPSGDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNWYVDEP 143

Qy 113 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAEGET 172

Db 144 SCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAEGET 203

RESULT 11
US-09-638-203-3
; Sequence 3, Application US/09638203
; Patent No. 6602501
; GENERAL INFORMATION:
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Rene S. Hubert
; APPLICANT: Aya Jakobovits
; APPLICANT: Arthur B. Raitano
; TITLE OF INVENTION: NOVEL C-TYPE LECTIN TRANSMEMBRANE
; TITLE OF INVENTION: ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF
; FILE REFERENCE: 129.20USU1
; CURRENT APPLICATION NUMBER: US/09/638,203
; CURRENT FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,935
; PRIOR FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 3
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Hamster
; US-09-638-203-3

Query Match 84.9%; Score 939.5; DB 4; Length 260;
Best Local Similarity 85.8%; Pred. No. 4.1e-90;
Matches 175; Conservative 9; Mismatches 19; Indels 1; Gaps 1;

Qy 2 RLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGQLVSISEDEQKLIK 61
Db 1 RLLSGQVLCRGGTQRPCYKVIFHDAFQRLNFEAKEACRRDGQLVSIETEDEQRLIK 60

Qy 62 FIENLJPSDGDFWIGLRLREEKOSNSTACQDLYAWTDGSISQFRNWTDEPSCGSEVCVY 121
Db 61 FIENLJPSDGDFWIGLRLREVKVNNTACQDLYAWTDGSTSQFRNWTDEPSCGSEVCVY 120

Qy 122 MYHOPSSAPAGIGGPFMFQWNDDRCNMKNNFICKYSDKEKPA-VPSREAEGETEELTPVLP 180
Db 121 MYHOPSSAPAGIGGSMFQWNDDRCNMKNNFICKYADEKPKSTTPSIRPGGEATEPPTPVL 180

Qy 181 EETQEEDAKKTFKESREAAALNAY 204
Db 181 EETQEEDAKKTFKESREAAALNAY 204

RESULT 12
US-09-638-203-2
; Sequence 2, Application US/09638203
; Patent No. 6602501
; GENERAL INFORMATION:
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Rene S. Hubert
; APPLICANT: Aya Jakobovits
; APPLICANT: Arthur B. Raitano
; TITLE OF INVENTION: NOVEL C-TYPE LECTIN TRANSMEMBRANE
; TITLE OF INVENTION: ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF
; FILE REFERENCE: 129.20USU1
; CURRENT APPLICATION NUMBER: US/09/638,203
; CURRENT FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,935
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 2
; LENGTH: 273
; ORGANISM: Homo Sapiens

Query Match 50.8%; Score 561.5; DB 4; Length 273;
Best Local Similarity 60.1%; Pred. No. 1.6e-50;
Matches 101; Conservative 25; Mismatches 35; Indels 7; Gaps 3;

Qy 2 RLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRRDGQLVSISEDEQKLIK 61
Db 23 RVSGQKVCFADFHKPCYKMYAFHELSRSVSPQEARLACESEGGVILSLENNEAEQKLI 82

Qy 62 FIENLJPSDGDFWIGLRLREEKOSNSTACQDLYAWTDGSISQFRNWTDEPSCG 116
Db 83 MLQNLTKPGTGISDGDFWIGLRLWNGDQT-SGACPDLYQWSDGSNSQYRNWTDEPSCG 141

Qy 117 EVCVYMYHOPSSAPAGIGGPFMFQWNDDRCNMKNNFICKYSD-EKAVP 163
Db 142 EKCVYMYHOPSSAPAGIGGPFMFQWNDDRCNMKNNFICKYSD-EKAVP 189

RESULT 13
US-09-489-847-325
; Sequence 325, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 325
; LENGTH: 81
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-489-847-325

Query Match 20.9%; Score 231; DB 4; Length 81;
Best Local Similarity 100.0%; Pred. No. 1.1e-16;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRR 42
Db 24 GRLLSGQPVCRGGTQRPCYKVIFHDTSRRLNFEAKEACRR 65

RESULT 14
US-09-489-847-234
; Sequence 234, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: 1999-07-29
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05

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; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 234
; LENGTH: 82
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (82)
; OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-234

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Query Match      20.9%;  Score 231;  DB 4;  Length 82;
Best Local Similarity 100.0%;  Pred. No. 1.2e-16;
Matches 42;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 GRLLSQQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 42
Db      24 GRLLSQQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 65

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RESULT 15

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US-09-489-847-324
; Sequence 324, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: FZ0311P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 324
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-324

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Query Match      20.9%;  Score 231;  DB 4;  Length 115;
Best Local Similarity 100.0%;  Pred. No. 1.8e-16;
Matches 42;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 GRLLSQQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 42
Db      58 GRLLSQQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACRR 99

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GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: July 11, 2005, 18:10:31 ; Search time 91.4062 Seconds

(without alignments)
 870.667 Million cell updates/sec

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 Gapop 10.0 , Gapext 0.5

Searched: 1726218 seqs, 386331768 residues

Total number of hits satisfying chosen parameters: 1726218

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Published Applications AA:
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 12: /cgn2_6/ptodata/1/pubpaa/us10A_PUBCOMB.pep:
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 14: /cgn2_6/ptodata/1/pubpaa/us10C_PUBCOMB.pep:
 15: /cgn2_6/ptodata/1/pubpaa/us10D_PUBCOMB.pep:
 16: /cgn2_6/ptodata/1/pubpaa/us10E_PUBCOMB.pep:
 17: /cgn2_6/ptodata/1/pubpaa/us10A_PUBCOMB.pep:
 18: /cgn2_6/ptodata/1/pubpaa/us10_NEW_PUB.pep:
 19: /cgn2_6/ptodata/1/pubpaa/us11A_PUBCOMB.pep:
 20: /cgn2_6/ptodata/1/pubpaa/us11_NEW_PUB.pep:
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 22: /cgn2_6/ptodata/1/pubpaa/us60_PUBCOMB.pep:
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RESULT 1
 US-09-887-855-5
 ; Sequence 5, Application US/09887855
 ; Patent No. US20020058310A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Anderson, Dirk M
 ; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
 ; FILE REFERENCE: 2883-US
 ; CURRENT APPLICATION NUMBER: US/09/887, 855
 ; CURRENT FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 5
 ; LENGTH: 206
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-887-855-5

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1115	100.0	206	Sequence 5, Appli
2	1115	100.0	374	Sequence 2, Appli
3	1115	100.0	374	Sequence 15, Appli
4	1115	100.0	374	Sequence 2090, AP
5	1115	100.0	374	Sequence 2579, AP
6	1115	100.0	374	Sequence 148, APP
7	1115	100.0	387	Sequence 1311, AP
8	1111	99.6	374	Sequence 2142, AP
9	1105	99.1	374	Sequence 166, APP
10	1101	98.7	382	Sequence 137, APP
11	1101	98.7	382	Sequence 137, APP

Query Match 100.0%; Score 1115; DB 9; Length 206;

Best Local Similarity 100.0%; Pred. No. 7.1e-101;
 Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLYSIESEDEQKL
2	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
3	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
4	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
5	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
6	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
7	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
8	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
9	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
10	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
11	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
12	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
13	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
14	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
15	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
16	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
17	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
18	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
19	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
20	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
21	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL
22	ATGRLISGGQPVCRGGTQRPCYKIVYFHDTSRLNFEAKEACRRDGGQLVSIESEDEQKL

RESULT 2
US-09-887-855-2
; Sequence 2, Application US/09887855
; Patent No. US20020058310A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dirk M
; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
; FILE REFERENCE: 2883-US
; CURRENT APPLICATION NUMBER: US/09/887, 855
; CURRENT FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 2
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-887-855-2

Query Match 100.0%; Score 1115; DB 9; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.5e-100;
Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSISSDEDQKL 60
Db 22 ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSISSDEDQKL 81

Qy 61 IEKFIENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISSQFRNWTDEPSCGSEV 120
Db 82 IEKFIENLLPSDGDFWIGLRRREEKQSNSTACQDLYAWTDGSISSQFRNWTDEPSCGSEV 141

Qy 121 CVMYHQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPAVPSREAEGEETELTPV 180
Db 142 CVMYHQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPAVPSREAEGEETELTPV 201

Qy 181 LPEETQEDAKKTFKESREAAALNAY 206
Db 202 LPEETQEDAKKTFKESREAAALNAY 227

RESULT 4
US-10-094-749-2090
; Sequence 2090, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUTOKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHIKO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARA, I, KENJI
; APPLICANT: MASUHO, YASUHIKO
; APPLICANT: TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIORITY APPLICATION NUMBER: 60/350,435
; PRIORITY FILING DATE: 2002-01-24
; PRIORITY APPLICATION NUMBER: JP 2001-328381
; PRIORITY FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 2090
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-094-749-2090

RESULT 3
US-10-149-819-15
; Sequence 15, Application US/10149819
; Publication No. US20030044913A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: YUE, Henry
; APPLICANT: AZIMZAI, Yalda
; APPLICANT: TANG, Y. Tom
; APPLICANT: PATTERSON, Chandra
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: LU, Dzung Aina M.
; APPLICANT: SHAH, Purvi
; APPLICANT: LAL, Preeti
; APPLICANT: AU-YOUNG, Janice
; APPLICANT: BURFORD, Neil
; APPLICANT: TITLE OF INVENTION: EXTRACELLULAR MATRIX AND CELL ADHESION MOLECULES
; FILE REFERENCE: PF-0760 PCT
; CURRENT FILING DATE: 2002-06-10
; PRIORITY APPLICATION NUMBER: 1999-12-10; 1999-12-16
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO: 15
; LENGTH: 374
; TYPE: PRT

Query Match 100.0%; Score 1115; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.5e-100;
Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSISSDEDQKL 60
Db 22 ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSISSDEDQKL 81

RESULT 5

Qy 61 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 120
Db 82 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 141
Us-10-648-593-148

Qy 121 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 180
Db 142 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 201

Qy 181 LPEETQEEDAKKTFKESREALNLAY 206
Db 202 LPEETQEEDAKKTFKESREALNLAY 227

Query Match 100.0%; Score 1115; DB 16; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.5e-100;
Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 60
Db 22 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 81

Qy 61 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 120
Db 82 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 141

Qy 121 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 180
Db 142 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 201

Qy 181 LPEETQEEDAKKTFKESREALNLAY 206
Db 202 LPEETQEEDAKKTFKESREALNLAY 227

RESULT 7

US-10-296-115-1311

Qy 1 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 60
Db 22 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 81

Qy 61 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 120
Db 82 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 94

Qy 1 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 60
Db 35 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 94

Qy 61 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 120
Db 95 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 154

Qy 121 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 180
Db 155 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 214

Qy 181 LPEETQEEDAKKTFKESREALNLAY 206
Db 215 LPEETQEEDAKKTFKESREALNLAY 240

RESULT 8

US-10-094-749-2142

Qy 1 Sequence 148, Application US/10648593
Db 2 Publication No. US20040106132A1

GENERAL INFORMATION:

APPLICANT: Birse et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PA131P1

CURRENT APPLICATION NUMBER: US/10/264,237

CURRENT FILING DATE: 2002-10-04

PRIOR APPLICATION NUMBER: PCT/US01/16450

PRIOR FILING DATE: 2001-05-18

PRIOR APPLICATION NUMBER: US 60/205,515

PRIOR FILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 2876

SOFTWARE: PatentIn Ver. 3.1

SEQ ID NO 2579

LENGTH: 374

TYPE: PRT

ORGANISM: Homo sapiens

US-10-264-237-2579

Query Match 100.0%; Score 1115; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.5e-100;
Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 60
Db 22 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 81

Qy 61 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 120
Db 82 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 94

Qy 1 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 60
Db 35 ATGRLLSGQPVCRGGTQRPCYKIVYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL 94

Qy 61 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 120
Db 95 IEKFIENLLPSDGDFWIGLRRREEEKQSNSTACQDLYAWTDGSISQFRNWWYDEPSCGSEV 154

Qy 121 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 180
Db 155 CVVMYHQSAPAGIGGPPMFQWNDDRCMKNFICKYSDEKPAVPSREAEGETELTPV 214

Qy 181 LPEETQEEDAKKTFKESREALNLAY 206
Db 215 LPEETQEEDAKKTFKESREALNLAY 240

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS

FILE REFERENCE: D0273 NP

CURRENT APPLICATION NUMBER: US/10/648,593

CURRENT FILING DATE: 2003-08-26

PRIOR APPLICATION NUMBER: 60/406,385

PRIOR FILING DATE: 2002-08-27

NUMBER OF SEQ ID NOS: 557

SOFTWARE: PatentIn version 3.2

GENERAL INFORMATION:
 APPLICANT: ISOGAI, TAKAO
 APPLICANT: SUGIYAMA, TOMOYASU
 APPLICANT: OTSUKI, TETSUJI
 APPLICANT: WAKAMATSU, AI
 APPLICANT: SATO, HIROYUKI
 APPLICANT: ISHII, SHIZUKO
 APPLICANT: YAMAMOTO, JUN-ICHI
 APPLICANT: ISONO, YUKO
 APPLICANT: HIO, YURI
 APPLICANT: OTSUKA, KAORU
 APPLICANT: NAGAI, KEIICHI
 APPLICANT: IRIE, RYOTARO
 APPLICANT: TAMECHIKA, ICHIRO
 APPLICANT: SEKI, NAOHIKO
 APPLICANT: YOSHIKAWA, TSUTOMU
 APPLICANT: OTSUKA, MOTOKI
 APPLICANT: NAGAHARI, KENJI
 APPLICANT: MASUHO, YASUHIKO
 TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
 FILE REFERENCE: 084335/0160
 CURRENT APPLICATION NUMBER: US/10/094,749
 CURRENT FILING DATE: 2002-03-12
 PRIORITY FILING DATE: 2002-01-24
 PRIORITY APPLICATION NUMBER: JP 2001-328381
 PRIORITY FILING DATE: 2001-09-14
 NUMBER OF SEQ ID NOS: 3381
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO 2142
 LENGTH: 374
 TYPE: PRT
 ORGANISM: Homo sapiens
 SEQ ID NO 166
 LENGTH: 374
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (84)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-10-351-334-166

Query Match 99.1%; Score 1105; DB 15; Length 374;
 Best Local Similarity 99.0%; Pred. No. 1.5e-99;
 Matches 204; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPVCRGGTQRCPYCKVLYFHDTSRRLNFEAKEACRRDGGLVSIESEDEQKL 60
 Db 22 ATGRLLSGQPVCRGGTQRCPYCKVLYFHDTSRRLNFEAKEACRRDGGLVSIESEDEQKL 81

Qy 61 IEKFIENLLPSDGFDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNLYFHDTSRRLNFEAKEACRRDGGLVSIESEDEQKL 120
 Db 82 IEKFIENLLPSDGFDFWIGLRRREEEKQNSNSTACQDLYAWTDGSISQFRNLYFHDTSRRLNFEAKEACRRDGGLVSIESEDEQKL 81

Qy 121 CVVMYHQPSAPAGIGGPGYMFWQNDRNCNMKNNFICKYSDEKPAVPSREAEGETEELTPV 180
 Db 142 CVVMYHQPSAPAGIGGPGYMFWQNDRNCNMKNNFICKYSDEKPAVPSREAEGETEELTPV 201

Qy 181 LPETEQEEDAKKTFKESREAAALNAY 206
 Db 202 LPETEQEEDAKKTFKESREAAALNAY 227

RESULT 10
 US-09-909-320-137
 Sequence 137, Application US/09909320
 Patent No. US20020132240A1

GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Goddard, A.
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Fong, Sherman
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Hillian, Kenneth, J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.

RESULT 9
 US-10-351-334-166
 Sequence 166, Application US/10351334
 Publication No. US20040034196A1

GENERAL INFORMATION:
 APPLICANT: Komatsu, et al
 TITLE OF INVENTION: 98 Human Secreted Proteins
 FILE REFERENCE: P2031P2
 CURRENT APPLICATION NUMBER: US/10/351,334
 CURRENT FILING DATE: 2003-01-27
 PRIORITY APPLICATION NUMBER: 60/350,898
 PRIORITY FILING DATE: 2002-01-25
 PRIORITY APPLICATION NUMBER: 09/489,847
 PRIORITY FILING DATE: 2000-01-24
 PRIORITY APPLICATION NUMBER: PCT/US99/17130
 PRIORITY FILING DATE: 1999-07-29
 PRIORITY APPLICATION NUMBER: 60/094,657

; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/909,320
 ; CURRENT FILING DATE: 2002-01-04
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089
 ; PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO: 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-909-320-137

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Fred. No. 3.7e-99;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLS-----GQPVCRGQTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
 Db 82 ESEDEQKLIKEKPIENLLPSDQDFWIGLRRREEKQSNNSTACQDLYAWTDGSISQFRNWYD 141
 Db 22 ATGRLLSASDLDLRLGGQPVCRGQTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 81

Qy 53 ESEDEQKLIKEKPIENLLPSDQDFWIGLRRREEKQSNNSTACQDLYAWTDGSISQFRNWYD 112
 Db 88 ESEDEQKLIKEKPIENLLPSDQDFWIGLRRREEKQSNNSTACQDLYAWTDGSISQFRNWYD 172

Qy 113 EPSCGSEVCVMMHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAGE 201
 Db 142 EPSCGSEVCVMMHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTPVLPVLEETQEEAKKTFKESREALNLAY 206
 Db 202 ETELTPVLPVLEETQEEAKKTFKESREALNLAY 235

; RESULT 11
 ; US-09-909-088B-137
 ; Sequence 137, Application US/09909088B

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Pred. No. 3.7e-99;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQPCYKVIFHDTSRRLNFEEAKEACRDRGGOLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQPCYKVIFHDTSRRLNFEEAKEACRDRGGOLVSI 81

Qy 53 ESEDEQKLIEKFIEINLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 112
 Db 82 ESEDEQKLIEKFIEINLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 141

Qy 113 EPSCGSEEVCVVMYHQPSAPAGIGGPMQWNDDRCMKNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEEVCVVMYHQPSAPAGIGGPMQWNDDRCMKNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTTPVLPETQEEAKTTFKESREALNLAY 206
 Db 202 ETELTTPVLPETQEEAKTTFKESREALNLAY 235

RESULT 12

US-09-905-291A-137

; Sequence 137, Application US/09905291A
 ; Patent No. US20020160374A1

GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905,291A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05
 ; PRIOR APPLICATION NUMBER: PCT/US99/28214
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 137
 ; LENGTH: 382
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-905-291A-137

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Pred. No. 3.7e-99;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQPCYKVIFHDTSRRLNFEEAKEACRDRGGOLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQPCYKVIFHDTSRRLNFEEAKEACRDRGGOLVSI 81

Qy 53 ESEDEQKLIEKFIEINLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 112
 Db 82 ESEDEQKLIEKFIEINLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 141

Qy 113 EPSCGSEEVCVVMYHQPSAPAGIGGPMQWNDDRCMKNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEEVCVVMYHQPSAPAGIGGPMQWNDDRCMKNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTTPVLPETQEEAKTTFKESREALNLAY 206
 Db 202 ETELTTPVLPETQEEAKTTFKESREALNLAY 235

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Pred. No. 3.7e-99;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQPCYKVIFHDTSRRLNFEEAKEACRDRGGOLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQPCYKVIFHDTSRRLNFEEAKEACRDRGGOLVSI 81

Qy 53 ESEDEQKLIEKFIEINLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 112
 Db 82 ESEDEQKLIEKFIEINLLPSDGFDFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 141

Qy 113 EPSCGSEEVCVVMYHQPSAPAGIGGPMQWNDDRCMKNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEEVCVVMYHQPSAPAGIGGPMQWNDDRCMKNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTTPVLPETQEEAKTTFKESREALNLAY 206
 Db 202 ETELTTPVLPETQEEAKTTFKESREALNLAY 235

RESULT 13

US-09-902-853-137

; Sequence 137, Application US/09902853
 ; Publication No. US20020192659A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth, J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Mather, Jennie P.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William, I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: 10466-14
 ; CURRENT APPLICATION NUMBER: US/09/905,291A
 ; CURRENT FILING DATE: 2001-07-12
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: 2000-02-22
 ; PRIOR APPLICATION NUMBER: US 60/143,048
 ; PRIOR FILING DATE: 1999-07-07
 ; PRIOR APPLICATION NUMBER: US 60/145,698
 ; PRIOR FILING DATE: 1999-07-26
 ; PRIOR APPLICATION NUMBER: US 60/146,222
 ; PRIOR FILING DATE: 1999-07-28
 ; PRIOR APPLICATION NUMBER: PCT/US99/20594
 ; PRIOR FILING DATE: 1999-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US99/20944
 ; PRIOR FILING DATE: 1999-09-13
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/21547
 ; PRIOR FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/23089

APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: US/09/902,853
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien

GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/907,824
 CURRENT FILING DATE: 2001-07-17
 PRIOR APPLICATION NUMBER: 09/665,350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Pred. No. 3.7e-99;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	1	ATGRLLS-----GQPVCRGGTQRCPYKVIYFHDTSRRLNFEEAKEACRQDGQLVSI
Db	22	ATGRLLSASDLDLRRGGQPVCRGGTQRCPYKVIYFHDTSRRLNFEEAKEACRQDGQLVSI
Qy	53	ESEDEQKLIEKPIENLPSDQDFWIGLRRREEKQSNISTACQDLYAWTDGSIISQFRNWYVD
Db	82	ESEDEQKLIEKPIENLPSDQDFWIGLRRREEKQSNISTACQDLYAWTDGSIISQFRNWYVD
Qy	113	EPSCGSEEVCVVMYHOPSAAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAGE
Db	142	EPSCGSEEVCVVMYHOPSAAPAGIGGPMFQWNDDRCNMKQNFICKYSDEKPAVPSREAGE
Qy	173	ETELTPVLPETQQEDAKTKTFKESREALNLAY 206
Db	202	ETELTPVLPETQQEDAKTKTFKESREALNLAY 235

RESULT 14
 US-09-907-824-137
 Sequence 137, Application US/0907824
 Publication No. US20020197671A1
 Publication 137, Application US/0907824-137
 SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-907-824-137

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Pred. No. 3.7e-99; 0; Mismatches 0; Indels 8; Gaps 1;
 Matches 206; Conservative 0; Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 423

SEQ ID NO 137
 LENGTH: 382
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-907-841-137

Query Match 98.7%; Score 1101; DB 9; Length 382;
 Best Local Similarity 96.3%; Pred. No. 3.7e-99; 0; Mismatches 0; Indels 8; Gaps 1;
 Matches 206; Conservative 0; Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 423

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRDRGGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRDRGGQLVSI 81

Qy 53 ESEDEQKLIEKFIEINLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 112
 Db 82 ESEDEQKLIEKFIEINLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 141

Qy 113 EPSCGSEVCVVMYHQPSAPAGIGGPMQWNDDRCNMKNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEVCVVMYHQPSAPAGIGGPMQWNDDRCNMKNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTPVLPETQEEDAKTFKESREALNLAY 206
 Db 202 ETELTPVLPETQEEDAKTFKESREALNLAY 235

RESULT 15
 US-09-907-841-137
 Sequence 137, Application US/09907841
 Publication No. US20020198366A1

GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/907,841
 CURRENT FILING DATE: 2001-11-20
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: July 11, 2005, 18:00:21 ; Search time 26.2121 Seconds

(without alignments)
 586.665 Million cell updates/sec

Title: US-09-887-855-2_COPY_22_227
 Perfect score: 1115

Sequence: ATGRLLSGQPVCRGGTQRPC.....EDAKKTFKESREANILAY 206

Scoring table: BLOSUM62
 Gapopen 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB Seq length: 0
 Maximum DB Seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued Patents AA:
 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:
 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:
 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:
 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:
 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:
 6: /cgn2_6/ptodata/1/iaa/backfilesl.pep:
 *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	1105	99.1	374	4	US-09-489-847-166	Sequence 166, App
2	1101	98.7	382	4	US-09-907-794A-137	Sequence 137, App
3	1101	98.7	382	4	US-09-905-125A-137	Sequence 137, App
4	1101	98.7	382	4	US-09-902-775A-137	Sequence 137, App
5	1101	98.7	382	4	US-09-906-700-137	Sequence 137, App
6	1101	98.7	382	4	US-09-903-603A-137	Sequence 137, App
7	1101	98.7	382	4	US-09-904-920A-137	Sequence 137, App
8	1101	98.7	382	4	US-09-909-920A-137	Sequence 137, App
9	1101	98.7	382	4	US-09-905-381A-137	Sequence 137, App
10	1101	98.7	382	4	US-09-906-618-137	Sequence 137, App
11	939.5	84.3	260	4	US-09-638-203-3	Sequence 3, App
12	561.5	50.4	273	4	US-09-638-203-2	Sequence 2, App
13	24.0	21.5	81	4	US-09-489-847-325	Sequence 325, App
14	24.0	21.5	82	4	US-09-489-847-234	Sequence 234, App
15	24.0	21.5	115	4	US-09-489-847-324	Sequence 324, App
16	182	16.3	1456	4	US-09-976-594-168	Sequence 168, App
17	178.5	16.0	1455	3	US-08-840-062-5	Sequence 5, App
18	176.5	15.8	1479	3	US-08-840-062-4	Sequence 4, App
19	174	15.6	1257	1	US-08-340-428B-49	Sequence 49, App
20	174	15.6	2409	6	5180808-2	Patent No. 5180808
21	174	15.6	2409	6	5180808-2	Patent No. 5180808
22	170.5	15.3	1479	3	US-08-840-062-2	Sequence 2, App
23	152	13.6	912	5	PCT-US95-03747-2	Sequence 2, App
24	151	13.5	197	4	US-09-602-877A-99	Sequence 99, App
25	149.5	13.4	455	4	US-09-866-028-50	Sequence 50, App
26	149.5	13.4	455	4	US-09-944-457-50	Sequence 50, App
27	149	13.4	174	1	US-07-641-971B-1	Sequence 1, App

ALIGNMENTS

RESULT 1
 US-09-489-847-166
 ; Sequence 166, Application US/09489847
 ; Patent No. 6476195
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al
 ; TITLE OF INVENTION: 98 Human Secreted Proteins
 ; FILE REFERENCE: PZ031P1
 ; CURRENT APPLICATION NUMBER: US/09/489, 847
 ; CURRENT FILING DATE: 2000-01-24
 ; EARLIER APPLICATION NUMBER: PCT/US99/17130
 ; EARLIER FILING DATE: 1999-07-29
 ; EARLIER APPLICATION NUMBER: 60/094, 657
 ; EARLIER FILING DATE: 1998-07-30
 ; EARLIER APPLICATION NUMBER: 60/095, 486
 ; EARLIER FILING DATE: 1998-08-05
 ; EARLIER APPLICATION NUMBER: 60/095, 454
 ; EARLIER FILING DATE: 1998-08-06
 ; EARLIER APPLICATION NUMBER: 60/095, 455
 ; EARLIER FILING DATE: 1998-08-06
 ; NUMBER OF SEQ ID NOS: 376
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 166
 ; LENGTH: 374
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (84)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (112)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; US-09-489-847-166

RESULT 2
US-09-907-794A-137
; Sequence 137, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-907-794A-137
Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
Matches 206; Conservative
QY 1 ATGRLLS-----GQPVCRGGTQRCPCKVYFHDTSRRLNFEAKEACRRDGQLVSI 52
Db 22 ATGRLLSASDLDLRLGGQPVCRGGTQRCPCKVYFHDTSRRLNFEAKEACRRDGQLVSI 81
QY 53 ESEDEQKLIEKFIFIENLPSDGDFWIGLRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 112
Db 82 ESEDEQKLIEKFIFIENLPSDGDFWIGLRREEKQSNSTACQDLYAWTDGSISQFRNWYVD 141
QY 113 EPSCGSEVCVMMYHQPSAPAGIGGPMFQWNDDRNCMKNFICKYSDEKPAVPSREAGE 172
Db 142 EPSCGSEVCVMMYHQPSAPAGIGGPMFQWNDDRNCMKNFICKYSDEKPAVPSREAGE 201
QY 173 ETELTPVLPVLEETQEDDAKKTFKESREALNLAY 206
Db 202 ETELTPVLPVLEETQEDDAKKTFKESREALNLAY 235
RESULT 3
US-09-905-125A-137
; Sequence 137, Application US/09905125A
; Patent No. 664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR APPLICATION NUMBER: PCT/US99/04414

PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 137
LENGTH: 382
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-125A-137

Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

1	ATGRLLS-----GQPVCRGGTQRCPYKVYFHDTSRRLNFEAKEACRRDGGQLVSI	52
22	ATGRLLSASDDLRLGGQPVCRGGTQRCPYKVYFHDTSRRLNFEAKEACRRDGGQLVSI	81
53	ESEDEQKLIKEFIENLLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD	112
82	ESEDEQKLIKEFIENLLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD	141
113	EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEAGE	172
142	EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEAGE	201
173	ETELTPVLPPEETQEEDAKKTFKESREALNLY	206
202	ETELTPVLPPEETQEEDAKKTFKESREALNLY	235

Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

1	ATGRLLS-----GQPVCRGGTQRCPYKVYFHDTSRRLNFEAKEACRRDGGQLVSI	52
22	ATGRLLSASDDLRLGGQPVCRGGTQRCPYKVYFHDTSRRLNFEAKEACRRDGGQLVSI	81
53	ESEDEQKLIKEFIENLLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD	112
82	ESEDEQKLIKEFIENLLPSDGDFFWIGLRRREEKQSNSTACQDLYAWTDGSISQFRNWYVD	141
113	EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEAGE	172
142	EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEAGE	201
173	ETELTPVLPPEETQEEDAKKTFKESREALNLY	206
202	ETELTPVLPPEETQEEDAKKTFKESREALNLY	235

RESULT 4
US-09-902-775A-137
Sequence 137, Application US/09902775A
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: EPSCGSEVCVVMYHOPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAEAGE

RESULT 5 US-09-906-700-137
 Sequence 137, Application US/09906700
 Patent No. 6723535
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACIDS Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/906,700
 CURRENT FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-28
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 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-10-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 81

Qy 53 ESEDEQKLIKEFIENLLPSDNSTACQDLYAWTDGSISQFRNWYVD 112
 Db 82 ESEDEQKLIKEFIENLLPSDNSTACQDLYAWTDGSISQFRNWYVD 141

Qy 113 EPSCGSEVCVYMYQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPKAVPSREAGE 172
 Db 142 EPSCGSEVCVYMYQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPKAVPSREAGE 201

Qy 173 ETELTPVLPETQEEAKTKTFKESREALNLAY 206
 Db 202 ETELTPVLPETQEEAKTKTFKESREALNLAY 235

RESULT 6 US-09-903-603A-137
 Sequence 137, Application US/09903603A
 Patent No. 6767995
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACIDS Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/906,700
 CURRENT FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-10-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 81

Qy 53 ESEDEQKLIKEFIENLLPSDNSTACQDLYAWTDGSISQFRNWYVD 112
 Db 82 ESEDEQKLIKEFIENLLPSDNSTACQDLYAWTDGSISQFRNWYVD 141

Qy 113 EPSCGSEVCVYMYQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPKAVPSREAGE 172
 Db 142 EPSCGSEVCVYMYQPSAPAGIGGPMFQWNDRCNMKNNFICKYSDEKPKAVPSREAGE 201

Qy 173 ETELTPVLPETQEEAKTKTFKESREALNLAY 206
 Db 202 ETELTPVLPETQEEAKTKTFKESREALNLAY 235

RESULT 6 US-09-903-603A-137
 Sequence 137, Application US/09903603A
 Patent No. 6767995
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACIDS Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/906,700
 CURRENT FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
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 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20

/ APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth, J.
 / APPLICANT: Kijavin, Ivar J.
 / APPLICANT: Mather, Jennie P.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William, I.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / ACIDS Encoding the Same
 / FILE OF INVENTION: Acids
 / CURRENT APPLICATION NUMBER: US/09/904,920A
 / CURRENT FILING DATE: 2001-07-13
 / PRIORITY APPLICATION NUMBER: PCT/US00/04414
 / PRIORITY FILING DATE: 2000-02-22
 / PRIORITY APPLICATION NUMBER: US 60/143,048
 / PRIORITY FILING DATE: 1999-07-07
 / PRIORITY APPLICATION NUMBER: US 60/145,698
 / PRIORITY FILING DATE: 1999-07-26
 / PRIORITY APPLICATION NUMBER: US 60/146,222
 / PRIORITY FILING DATE: 1999-07-28
 / PRIORITY APPLICATION NUMBER: PCT/US99/20594
 / PRIORITY FILING DATE: 1999-09-08
 / PRIORITY APPLICATION NUMBER: PCT/US99/20944
 / PRIORITY FILING DATE: 1999-09-13
 / PRIORITY APPLICATION NUMBER: PCT/US99/21090
 / PRIORITY FILING DATE: 1999-09-15
 / PRIORITY APPLICATION NUMBER: PCT/US99/21547
 / PRIORITY FILING DATE: 1999-09-15
 / PRIORITY APPLICATION NUMBER: PCT/US99/23089
 / PRIORITY FILING DATE: 1999-11-30
 / PRIORITY APPLICATION NUMBER: PCT/US99/28313
 / PRIORITY FILING DATE: 1999-11-29
 / PRIORITY APPLICATION NUMBER: PCT/US99/28565
 / PRIORITY FILING DATE: 1999-12-02
 / PRIORITY APPLICATION NUMBER: PCT/US99/28564
 / PRIORITY FILING DATE: 1999-12-16
 / PRIORITY APPLICATION NUMBER: PCT/US99/30911
 / PRIORITY FILING DATE: 1999-12-20
 / PRIORITY APPLICATION NUMBER: PCT/US99/30995
 / PRIORITY FILING DATE: 1999-12-20
 / PRIORITY APPLICATION NUMBER: PCT/US99/00219
 / PRIORITY FILING DATE: 2000-01-05
 / NUMBER OF SEQ ID NOS: 423
 / SEQ ID NO: 137
 / LENGTH: 382
 / TYPE: PRT
 / ORGANISM: Homo sapiens
 / US-09-903-603A-137

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	Db	Score	Length
1 ATGRLLS-----GQPVCRGGTORPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	52	98.7%	382
22 ATGRLLSASDLDLRLGGQPVCRGGTORPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	81		
53 ESEDEQKLIEKFIEENLLPSDGFDFWIGLRRREEEKQSNSTACQDLYAWTDGSIISQFRNWYVD	112		
82 ESEDEQKLIEKFIEENLLPSDGFDFWIGLRRREEEKQSNSTACQDLYAWTDGSIISQFRNWYVD	141		
113 EPSCGSEEVCVMMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAGE	172		
142 EPSCGSEEVCVMMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAGE	201		
173 ETELITTPVLPBETQEEAKKTFKESREALNLAY	206		
202 ETELITTPVLPBETQEEAKKTFKESREALNLAY	235		

RESULT 7
 US-09-904-920A-137
 / Sequence 137, Application US/09904920A
 / Patent No. 6806352
 / GENERAL INFORMATION:
 / APPLICANT: Genentech, Inc;
 / APPLICANT: Ashkenazi, Avi
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerber, HansPeter
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, A.

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy	Db	Score	Length
1 ATGRLLS-----GQPVCRGGTORPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	52	98.7%	382
22 ATGRLLSASDLDLRLGGQPVCRGGTORPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	81		
53 ESEDEQKLIEKFIEENLLPSDGFDFWIGLRRREEEKQSNSTACQDLYAWTDGSIISQFRNWYVD	112		
82 ESEDEQKLIEKFIEENLLPSDGFDFWIGLRRREEEKQSNSTACQDLYAWTDGSIISQFRNWYVD	141		
113 EPSCGSEEVCVMMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAGE	172		
142 EPSCGSEEVCVMMYHQPSAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPAVPSREAGE	201		
173 ETELITTPVLPBETQEEAKKTFKESREALNLAY	206		
202 ETELITTPVLPBETQEEAKKTFKESREALNLAY	235		

/ ORGANISM: Homo sapiens
 / SEQ ID NO: 137
 / LENGTH: 382
 / TYPE: PRT
 / ORGANISM: Homo sapiens
 / US-09-904-920A-137

RESULT 8

US-09-909-064-137

; Sequence 137, Application US/09909064

; Patent No. 6818449

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

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; APPLICANT: Godowski, Paul J.

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; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909,064

CURRENT FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

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PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

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PRIOR APPLICATION NUMBER: PCT/US99/23089

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PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 137

LENGTH: 382

TYPE: PRT

ORGANISM: Homo sapiens

US-09-909-064-137

Query Match 98.7%; Score 1101; DB 4; Length 382;

Best Local Similarity 96.3%; Pred. No. 7.3e-107;

Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

1 ATGRLLS-----GQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGGQLVSI 52

22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVYFHDTSRRLNFEAKEACRRDGGQLVSI 81

QY 53 ESEDEQKLIKEKFTIENLPSDGDFWIGLRRREKQSNSTACQDLYAWTDGSISQFRNWYVD 112

Db 82 ESEDEQKLIKEKFTIENLPSDGDFWIGLRRREKQSNSTACQDLYAWTDGSISQFRNWYVD 141

QY 113 EPSCGSEVCVYVYHOPSSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVSRREAGE 172

Db 142 EPSCGSEVCVYVYHOPSSAPAGIGGPPMFQWNDDRCNMKNNFICKYSDEKPAVSRREAGE 201

QY 173 ETELTTPVLPETEQQDAKKTPEKESREAAVLAY 206

Db 202 ETELTTPVLPETEQQDAKKTPEKESREAAVLAY 235

RESULT 9

US-09-905-381A-137

; Sequence 137, Application US/09905381A

; Patent No. 6818746

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909,064

CURRENT FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/905,381A

CURRENT FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Fred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 81

Qy 53 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 112
 Db 82 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 141

Qy 113 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTPVLPETEEDAKKTFKESREALNLAY 206
 Db 202 ETELTPVLPETEEDAKKTFKESREALNLAY 235

RESULT 10
 US-09-906-618-137
 ; Sequence 137, Application US/09906618
 ; Patent No. 6828146
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, A.
 ; APPLICANT: Godowski, Paul J.

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 81

Qy 53 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 112
 Db 82 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 141

Qy 113 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTPVLPETEEDAKKTFKESREALNLAY 206
 Db 202 ETELTPVLPETEEDAKKTFKESREALNLAY 235

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 81

Qy 53 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 112
 Db 82 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 141

Qy 113 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTPVLPETEEDAKKTFKESREALNLAY 206
 Db 202 ETELTPVLPETEEDAKKTFKESREALNLAY 235

Query Match 98.7%; Score 1101; DB 4; Length 382;
 Best Local Similarity 96.3%; Pred. No. 7.3e-107;
 Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 52
 Db 22 ATGRLLSASDLDLRRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGQLVSI 81

Qy 53 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 112
 Db 82 ESEDEQKLIKEKFIENLPSDGFDWIGLRRREEKQSNSNSTACQDLYAWTDGSIQFRNWyVD 141

Qy 113 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 172
 Db 142 EPSCGSEVCVVMYHQPSAPAGIGGPMFQWNDDRCNMNNFICKYSDEKPAVPSREAGE 201

Qy 173 ETELTTPVLPETQEEAKKTFKESREAAALNAY 206
 Db 202 ETELTTPVLPETQEEAKKTFKESREAAALNAY 235

RESULT 11
 US-09-638-203-3
 ; Sequence 3, Application US/09638203
 ; Patent No. 6602501
 ; GENERAL INFORMATION:
 ; APPLICANT: Daniel E.H. Afar
 ; APPLICANT: Rene S. Hubert
 ; APPLICANT: Aya Jakobovits
 ; APPLICANT: Arthur B. Raitano
 ; TITLE OF INVENTION: NOVEL C-TYPE LECTIN TRANSMEMBRANE
 ; TITLE OF INVENTION: ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF
 ; FILE REFERENCE: 129.20USU1
 ; CURRENT APPLICATION NUMBER: US/09/638,203
 ; CURRENT FILING DATE: 2000-08-11
 ; PRIORITY NUMBER: 60/148,935
 ; PRIOR FILING DATE: 1999-08-12
 ; NUMBER OF SEQ ID NOS: 47
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 260
 ; TYPE: PRT
 ; ORGANISM: Hamster
 ; US-09-638-203-3

Query Match 84.3%; Score 939.5; DB 4; Length 260;
 Best Local Similarity 85.8%; Pred. No. 3.5e-90;
 Matches 175; Conservative 9; Indels 1; Gaps 1;

Qy 4 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGQLVSISEDEQKLIK 63
 Db 1 RLLSGQLVCRGGTQRPCYKVIYFHDAFQRNLNFEEAKEACRRDGQLVSIETEDEQRLIK 60

Query Match 64 FIENLPSDGFDFWIGLRRREEKQNSNSTACODLYAWTDGSISQFRNWTDEPSCGSEVCVV 123
 Db 61 FIENLPLASDGFDFWIGLRRLEVKVNNTAACDLYAWTDGSTSQFRNWTDEPSCGSEVCVV 120

Query Match 124 MYHOPSAAPAGIGGPMFQWNDDRCNMKNNFICKYSDEKPA-VPSREAEGETELTPVLP 182
 Db 121 MYHOPSAAPAGIGGPMFQWNDDRCNMKNNFICKYADEKPKSTTPSIRPGGEATEPPTPVLP 180

Query Match 183 EETQEDAKKTFKESREAAALNAY 206
 Db 181 EETQEDAKKTFKESREAAALNAY 204

RESULT 12
 US-09-638-203-2
 ; Sequence 2, Application US/09638203
 ; Patent No. 6602501
 ; GENERAL INFORMATION:
 ; APPLICANT: Daniel E.H. Afar
 ; APPLICANT: Rene S. Hubert
 ; APPLICANT: Aya Jakobovits
 ; APPLICANT: Arthur B. Raitano
 ; TITLE OF INVENTION: NOVEL C-TYPE LECTIN TRANSMEMBRANE
 ; TITLE OF INVENTION: ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF
 ; FILE REFERENCE: 129.20USU1
 ; CURRENT APPLICATION NUMBER: US/09/638,203
 ; CURRENT FILING DATE: 2000-08-11
 ; PRIOR APPLICATION NUMBER: 60/148,935
 ; NUMBER OF SEQ ID NOS: 47
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 273
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens

US-09-638-203-2
 ; Query Match 50.4%; Score 561.5; DB 4; Length 273;
 ; Best Local Similarity 60.1%; Pred. No. 1.4e-50;
 ; Matches 35; Mismatches 7; Indels 7; Gaps 3;

Qy 4 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGQLVSISEDEQKLIK 63
 Db 23 RVVSGQKVCFADFKHPCYKXMYFHELSRSVSEGGVILSLENEAEQKLIES 82

Query Match 64 FIENLPLP---SDGDFWIGLRRREEKQNSNSTACODLYAWTDGSISQFRNWTDEPSCGS 118
 Db 83 MLQNLTKPGTGISDGFDFWIGLWRNGDGT-SGACPDLYQWSDGSNSQYRNWTDEPSCGS 141

Query Match 119 EVCVVMMYHOPSAAPAGIGGPMFQWNDDRCNMKNNFICKYSDE-KPAP 165
 Db 142 EKCVVMMYHOPTANPGLGGPPLYQWNDDRCNMKNNFICKYEPBEINPTAP 189

RESULT 13
 US-09-489-847-325
 ; Sequence 325, Application US/09489847
 ; Patent No. 6476195
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al
 ; TITLE OF INVENTION: 98 Human Secreted Proteins
 ; FILE REFERENCE: PZ031P1
 ; CURRENT APPLICATION NUMBER: US/09/489,847
 ; CURRENT FILING DATE: 2000-01-24
 ; EARLIER APPLICATION NUMBER: PCT/US99/17130
 ; EARLIER FILING DATE: 1999-07-29
 ; EARLIER APPLICATION NUMBER: 60/094,657
 ; EARLIER FILING DATE: 1998-07-30
 ; EARLIER APPLICATION NUMBER: 60/095,486
 ; EARLIER FILING DATE: 1998-08-05
 ; EARLIER APPLICATION NUMBER: 60/094,657
 ; EARLIER FILING DATE: 1998-08-12
 ; EARLIER APPLICATION NUMBER: 60/095,454
 ; EARLIER FILING DATE: 1998-08-06
 ; EARLIER APPLICATION NUMBER: 60/095,455
 ; EARLIER FILING DATE: 1998-08-06
 ; NUMBER OF SEQ ID NOS: 376
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 325
 ; LENGTH: 81
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-489-847-325

Query Match 21.5%; Score 240; DB 4; Length 81;
 Best Local Similarity 100.0%; Pred. No. 1.3e-17;
 Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRR 44
 Db 22 ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRR 65

RESULT 14
 US-09-489-847-234
 ; Sequence 234, Application US/09489847
 ; Patent No. 6476195
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al
 ; TITLE OF INVENTION: 98 Human Secreted Proteins
 ; FILE REFERENCE: PZ031P1
 ; CURRENT APPLICATION NUMBER: US/09/489,847
 ; CURRENT FILING DATE: 2000-01-24
 ; EARLIER APPLICATION NUMBER: 1999-07-29
 ; EARLIER FILING DATE: 1998-07-30
 ; EARLIER APPLICATION NUMBER: 60/094,657
 ; EARLIER FILING DATE: 1998-07-30
 ; EARLIER APPLICATION NUMBER: 60/095,486
 ; EARLIER FILING DATE: 1998-08-06

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; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 324
; LENGTH: 82
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE: SITE
; NAME/KEY: SITE
; LOCATION: (82)
; OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-234

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Query Match          21.5%;  Score 240;  DB 4;  Length 82;
Best Local Similarity 100.0%;  Pred. No. 1.3e-17;
Matches 4;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 ATGRLLSGGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACR 44
Db      22 ATGRLLSGGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACR 65

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RESULT 15

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US-09-489-847-324
; Sequence 324, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 324
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-324

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Query Match          21.5%;  Score 240;  DB 4;  Length 115;
Best Local Similarity 100.0%;  Pred. No. 2e-17;
Matches 4;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 ATGRLLSGGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACR 44
Db      56 ATGRLLSGGQPVCRGGTQRPCYKVIVFHDTSRRLNFEAKEACR 99

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